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ANNOTATED CHECKLIST OF THE VASCULAR FLORA OF McLENNAN COUNTY, TEXAS

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ABSTRACT

An inventory of the vascular flora of McLennan County, Texas, located in northern east-central portion of the state, has resulted in the documentation of 1145 species from 127 families. McLennan County contains three physiographic areas: Blackland Prairie, Grand Prairie (which includes the Lampasas Cut Plain/Washita Uplands), and the East Cross Timbers. The plant list includes 32 species that are endemic to Texas and 388 species that are county records. The most noteworthy species is *Cheilanthes lanosa,* the only Texas record for the species.

KEY WORDS: Texas, McLennan County, floristics

Published works discussing the flora of McLennan County date back to 1892 with an article ("popular account") by E.N. Plank in *Garden and Forest.* The sole effort to describe the flora of the county was by Lula Pace, former Professor of Botany at Baylor University, who published a list of the flora of the county in the University of Texas Bulletin in 1923 (Adkins 1923). The list includes 420 species and thus inadequately depicts the actual floral diversity of the county. She also included "[a] few of the introduced trees and more conspicuous plants [ornamentals]." Since then, Gould (1962), Correll and Johnston (1970), Hatch et al. (1990), and Diggs et al. (1999) have written manuals and checklists that included flora found in McLennan County, and Turner et al. (2003) produced an atlas of vascular plants of Texas that maps the presence of species in the county. Each of these publications has expanded records of the documented flora for McLennan County, but since Pace's 1923 document, an exclusive list of the flora of the county has not been compiled.

European settlement of McLennan County began in 1832, and by 1845 the county was heavily settled (Adkins 1923; Templin et al. 1958; Miller et al. 2001). At that time the Tankawa, Tehuacana, and Tawakoni (Waco) Native Americans that had occupied the region were mostly driven out. McLennan County was formally organized in 1850 and was named for Neil McLennan who was the first cattle rancher to register his brand (M) in the county (Adkins 1923; Miller et al. 2001). With settlement came agriculture and alteration to the landscape. The flora of the landscape changed accordingly and continues to undergo change with much of the county converted to farm and pasture land. The current population of the county is approximately 235,000 (US Census Bureau 2012).

McLennan County is located in northern east-central Texas and comprises approximately 2747.98 square kilometers (1061.0 square miles) of mainly prairie. The county's elevation ranges from 106.68 meters (350 feet) above sea level to 281.64 meters (924 feet) above sea level. The climate zone of the county is humid subtropical with average daily temperatures ranging from 0.06° C (32.1° F) to 35.78° C (96.4° F). Typically, the coldest temperatures occur in January and February, and the warmest temperatures in July and August. Average yearly rainfall for the area is 84.84 centimeters (33.40 inches) with most rain falling during the month of May. The average growing season (days without frost) is approximately 250 days (summary data from Miller et al. 2001; Templin et al. 1958; and Handbook of Texas Online, February 2008).

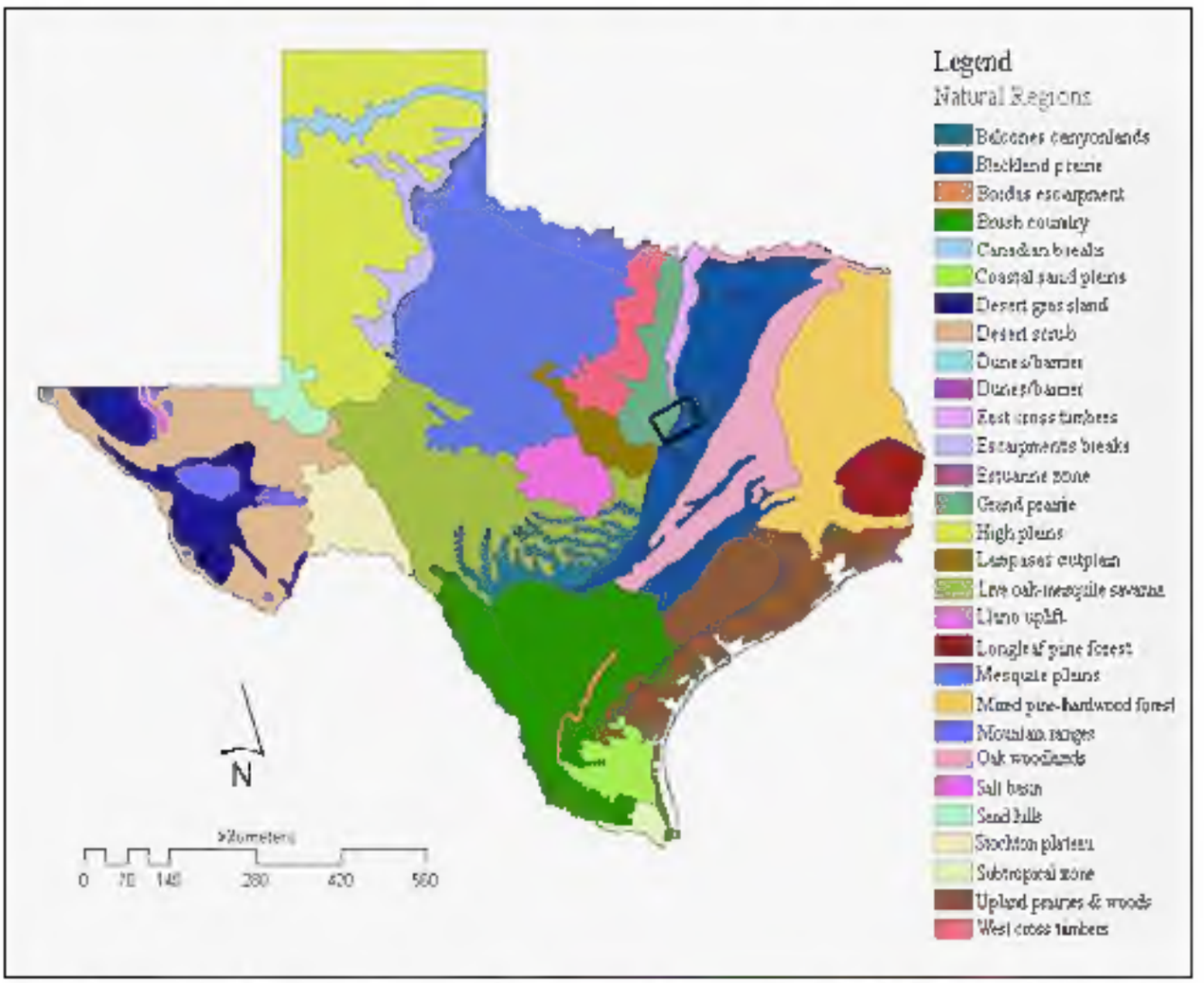

Figure 1. Vegetational regions of Texas with McLennan County outlined in black. (Created with ArcMap version 9.2, Environmental Systems Research Institute 2002).

The chief vegetational areas of the county include Blackland Prairie, East Cross Timbers, and Lampasas Cut Plain, which is also known as Washita Uplands (Figure 1). The Lampasas Cut Plain (Washita Uplands) is part of the Grand Prairie physiographic area (Adkins 1923). The Blackland Prairie vegetational area forms a physiographic area of the same name. The East Cross Timbers is not geologically represented in the county; however a small area in the northern region of the county includes a deposited extension of soils from the East Cross Timbers from areas north of the county (Adkins 1923; Templin et al. 1958). River alluvial soils are also prevalent in the county but not represented by specific vegetational or physiographic areas. Each of the physiographic areas is subtended by specific geologies: Blackland Prairie is subtended by Upper Cretaceous rocks and Grand Prairie is subtended by Lower Cretaceous.

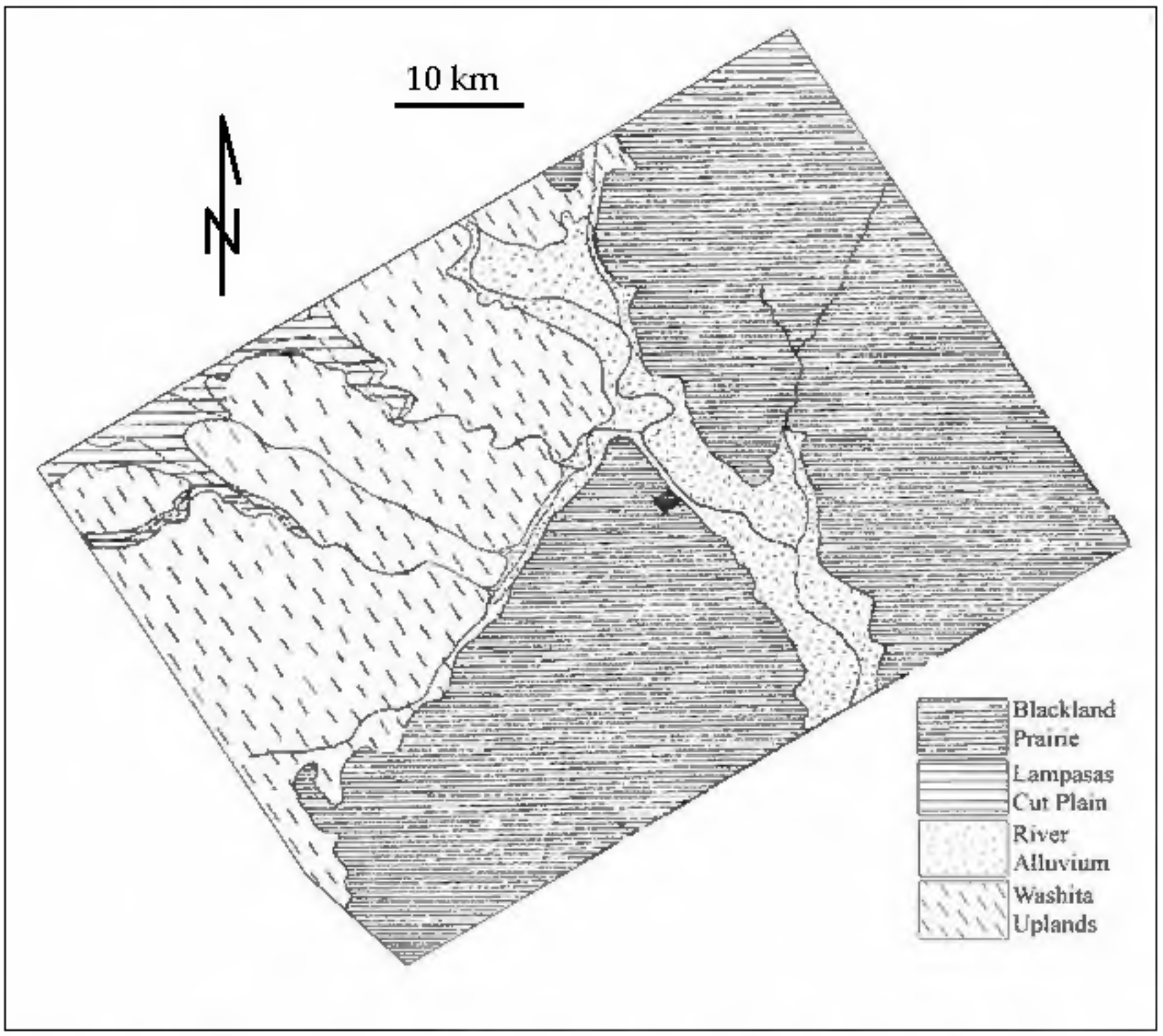

Figure 2. Physiographic areas of McLennan County (after Adkins 1923). City of Waco = black diamond.

Major topographic features of the county are hydrologic and include the Brazos River, the North, Middle, and South Bosque Rivers, Waco Lake (reservoir), Tradinghouse Creek Reservoir, Lake Creek Lake (reservoir), Lake Brazos (Brazos River behind a low water dam), and the Bosque (Balcones) and White Rock Escarpments (Adkins 1923; Templin et al. 1958; Miller et al. 2001). The Brazos River flows northwest to southeast, parallel to the eastern edge of the county and is emptied into by the Bosque River, also flowing northwest to southeast. Other topographic features are the Balcones and Whiterock escarpments, which are continuous geological formations separating the Upper Cretaceous rock and Lower Cretaceous rock and thus dividing Blackland Prairie and Grand

Prairie. As described in Adkins (1923), these formations are west-facing erosional structures that expose Austin Chalk formations and Eagle Ford Flag (Shale) formations.

Construction of the checklist

A preliminary list of McLennan County vascular plant species was compiled using the Flora of Texas Database, Plant Resources Center, University of Texas, Austin (2007). The database encompasses specimens from both the University of Texas Herbarium (TEX) and the Lundell Herbarium (LL). The Baylor University Herbarium (BAYLU) was canvassed for additional specimens. Plant records mapped in Turner et al. (2003) were added to the checklist.

Additional species were collected during several field excursions to areas of interest (aquatic, unique soil composition, not yet explored) between August 2006 and August 2008. Particular attention was given to plants expected to grow in McLennan County but not reported.

Annotations accompanying each specimen include collector, collection number, herbarium (or source of record) as well as information about nativeness, introduction, invasiveness (weediness), and county record. Native and foreign species introduced as a result of human impact on the environment are discussed as in Pyšek et al. (2004).

Statistical analysis

Based upon various floristic inventories of herbarium specimens and published accounts from Texas (see citations Table 1), documented species were compared against the model originally proposed by Arrhenius (1921) and subsequently adapted by others (see Singhurst et al. 2010 for an historical treatment of species-area models) to determine the adequacy of McLennan County sampling effort. A statistical relation of species richness as a function of geographic area produces a theoretical slope (z) and intercept (d) based on this formula: $S=dA^z$ (Arrhenius 1921). Species richness and geographic area of McLennan County, four published county inventories, and the state of Texas, were log-transformed into a database (see Table 1). Consequently, a linear function is created and a regression line that establishes a theoretical value of species fidelity equated per unit area and thereby an empirical gauge of sampling effort indicated by the slope.

Table 1. Known values of species richness for vascular plants and associated geographic area from published county inventories (n = 5) in Texas, USA. We chose to use data published by Diggs et al. 1999; modified from Correll and Johnston 1970, to include nonnatives as per other published accounts; however, Turner et al. 2003, note persistent components of Texas flora numbering 6,055 taxa.

Co./Region	No. of species	Families	Genera	Predicted Species	Area (km^2)	Citation
Walker	1181	-	-	868.10	2031.00	Zimmerman 1977; Carr 1994; Singhurst 1998; Nesom & Brown 1998
Montgomery	581	-	-	907.25	2698.11	Nesom & Brown 1998
San Jacinto	771	-	-	825.97	1474.33	Peterson & Brown 1983; Nesom & Brown 1998
Madison	985	136	488	800.71	1207.12	Neill and Wilson 2001
McLennan	1145	131	552	907.22	2697.54	*current study*
Texas	5524	180	1284	2140.26	677940.30	Correll & Johnston 1970; Hatch et al 1990; Diggs et al. 1999; Turner et al. 2003

RESULTS

Flora

The vascular flora of McLennan County consists of 1145 species, including varieties, in 127 families and 552 genera. Ferns and their allies are represented by 14 species; gymnosperms are represented by three species; monocots 250; and dicots 885. The families having the greatest number of species are Asteraceae (144), Poaceae (129), Fabaceae (95), Cyperaceae (44), and Euphorbiaceae (37). There are 388 species of plants not previously recorded in any published documents (county records), which represents 33.9% of the total number of plants found in the county. Species introduced to the United States, cultivated, and escaped (219) represent 19.1% of the total species of the county. The high percentage of introduced species in the county indicates a high level of disturbance which is evident by the extent of urbanization of the county. McLennan County has 32 species endemic to the state of Texas.

Species-area relationship

Figure 3 demonstrates an adequate sampling indicated by the McLennan County datum point above the slope of the determined function, moreover data for both Madison and Walker counties place those sampling efforts above this slope-line suggesting these inventories can be considered as legitimately appraised. It should be explicitly stated that these empirical data (Table 1), should be regarded as approximations entirely dependent on data from lists of flora actually obtained and as such this regression would alter with more county inventories.

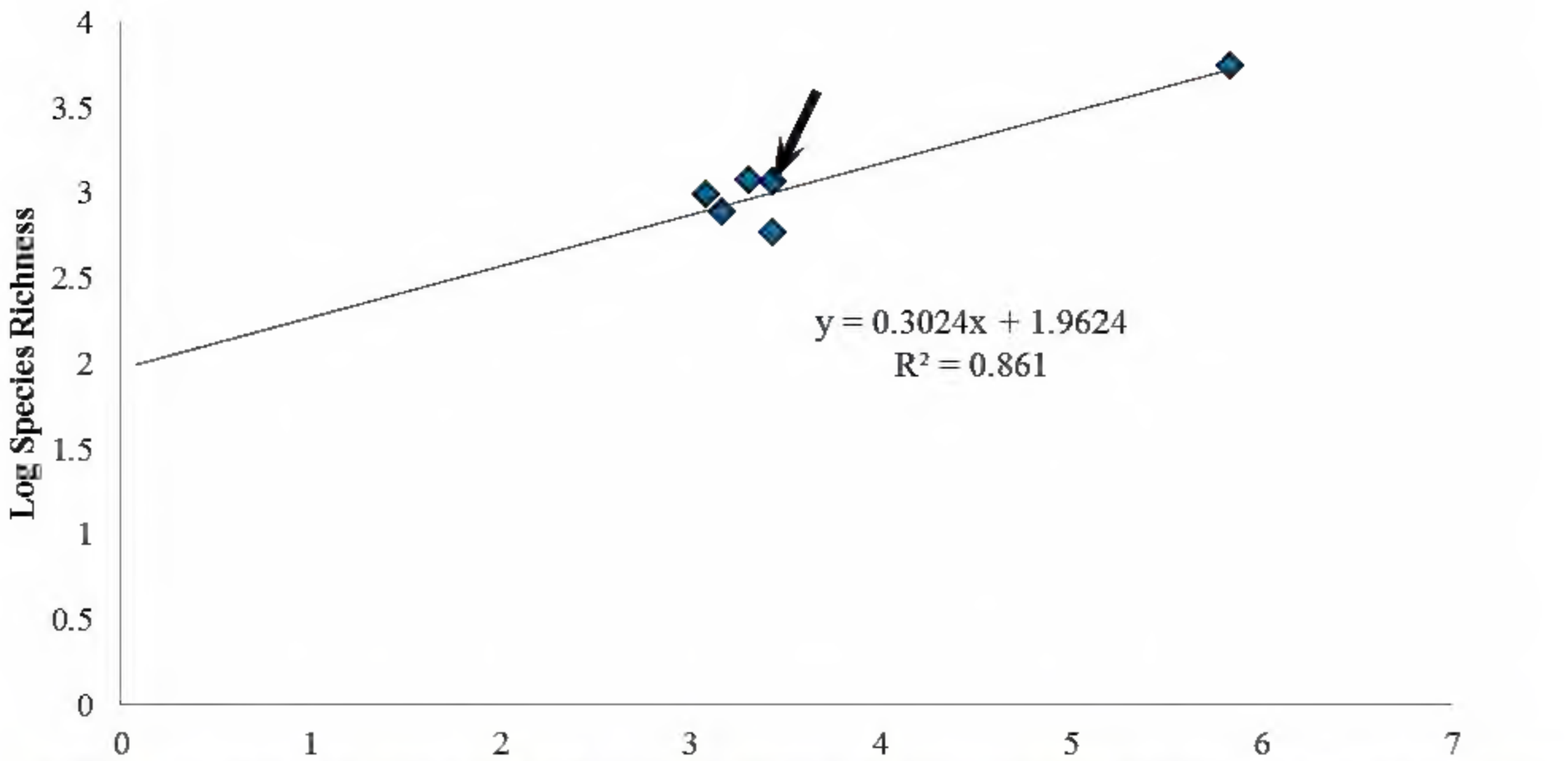

Figure 3. Vascular plant species related to geographic area of Texas based on known county inventories (n=5) and summary of total species documented for the state (arrow indicates McLennan Co.). Diamonds signify floristic inventories from Table 1.

The authors note the comparatively lower species numbers associated with Montgomery County (Nesom & Brown 1998), versus the species-area slope. Inquiries into the possibility of additional collections revealed that numerous additions to the Montgomery County flora have been documented (E. Keith, pers. comm.); however, these additions are to-date unpublished and thus omitted.

DISCUSSION AND CONCLUSIONS

Species notations

Several notations are included in the species checklist. Each designation is defined in Pyšek et al. (2004). Those designations include cultivated and introduced species ("alien plants"), weedy species ("weeds"), and endemic plants ("native plants"). Classification of species as introduced and weedy is based on the USDA PLANTS (2008). Cultivated species are classified based on the information in the Flora of North Central Texas (Diggs, et al., 1999). Endemic classification is based on the Flora of Texas Consortium's (2008) list of vascular plants endemic to Texas. Plants not designated as endemic to Texas and not otherwise designated are considered native to the United States. None of the species listed in the checklist is listed as threatened or endangered according to the USDA PLANTS (2008). Species that have not previously published as occurring in McLennan County are labeled as county records.

Noteworthy species

Noteworthy species found in McLennan County include those that are at the periphery of their range, those that occur only in very few counties in Texas, and those that are rare for the area. The first of these is *Cheilanthes lanosa* (Pteridaceae), hairy lipfern. The species has been reported in most of the eastern and central United States, but in Texas has only been collected in McLennan County. The record is based upon a collection by *E. T. Wherry s.n.* (US). A discussion of this record is in Holmes et al. (2011). Another Texas record, known only from a one-time collection in McLennan County is *Iresine diffusa*. The nearest confirmed record of this species is in central Louisiana (Thomas and Allen 1996).

Passiflora caerulea has not been reported elsewhere in the state of Texas, with Louisiana being the only neighboring state reporting this species USDA PLANTS (2008). *Orobanche ludoviciana* subsp. *multiflora* appears to be rare in this area but is represented by one collection. The species was also included in Pace (1923). *Cucumis anguria* occurs elsewhere only in Cameron County at the southern tip of Texas bordered by Mexico and the Gulf of Mexico (Turner, et al., 2003). *Sium suave* is known elsewhere only from Gonzales County in south-central Texas (Turner, et al. 2003). *Cuscuta polygonorum* has been collected in Childress County, near the panhandle of Texas near the Texas/Oklahoma border, and in Brazos County which is approximately 95 miles southeast of McLennan County.

Several specimens occurring in McLennan County represent the outermost limits of the distribution of that species in Texas. *Ammoselinum popei* and *Centaurium beyrichii* are at the eastern edge of their respective distributions. *Dalea obovata*, *Heliotropium procumbens*, *Maurandya antirhiniflora*, and *Merremia dissecta* are at the northern edge of their distributions. *Sabal minor* is at the western edge of its distribution and is an interesting collection in the Brazos River drainage area.

Plant associations

Because of the extent of disturbance in McLennan County with agriculture and urbanization, the plant associations occurring at present bear little resemblance to the original (undisturbed) vegetation. Under such circumstances, a discussion of plant associations is without merit. Instead, the authors refer the reader to Diggs, et al. (1999) and/or Diamond and Smeins (1993), who describe the types of plant communities (associations) supposedly native to the region.

CHECKLIST

The annotated checklist of the vascular flora of McLennan County, Texas primarily follows Diggs, et al. (1999), and, when necessary, Turner, et al. (2003) and/or Correll and Johnston (1970). Species are subdivided into pteridophytes (ferns and fern allies), gymnosperms, and angiosperms, which are then divided into dicotyledonous and monocotyledonous plants. Family, genus, and

species are alphabetically arranged beneath each category heading. With few exceptions, the classification, particularly of families, follows Correll and Johnston (1970), largely because that system was used in the original work (Hannick 2008). However, some realignment of families was made to follow the accepted modern circumscription of several families. This mainly included merger of the Asclepidaceae into the Apocynaceae and the disintegration of the tradition recognition of the Liliaceae and Scrophulariaceae. Some of the species entries are not documented by voucher specimens but are from the cited published sources. These mainly include grasses cited in Shaw et al. (2011) and some species names included in Pace (1923). Such undocumented records were generally problematic and are included only because they are in the literature as being present in the county. Basically, the reader is referred to the source and can make a decision as to the reasonableness of the entry. Additionally, those species in Pace (1923) deemed to be strictly ornamental or of questionably determination were excluded or annotated as of doubtful determination.

Distinctive designations are given to plants in the form of symbols. Plants that are not native are designated by an asterisk (*), Texas endemics by [the small character] tau (τ), invasive plants by a dagger (†), and new county records (plants never before reported for McLennan County) by a section symbol (§).

FERNS AND FERN ALLIES

AZOLLACEAE

§ *Azolla caroliniana* Willd., *S.A. Conry 42* [BAYLU]

EQUISETACEAE

Equisetum arvense L., cited in Pace (1923). [This likely based upon a misdetermination. See Mink et al. 2011 for comments on the distribution of this species in the state.]

Equisetum hyemale L. subsp. *affine* (Engelm.) Calder & R.L. Taylor, *B. Benner & R. Kormanik 23* [BAYLU, TEX]

Equisetum laevigatum A. Braun, *H. Steward 128* [BAYLU]

MARSILEACEAE

§ *Marsilea macropoda* Engelm. ex A. Braun, *E.L. Hamby s.n.* [BAYLU]

Marsilea vestita Hook. & Grev., *W.C. Holmes 5470* [BAYLU]

OPHIOGLOSSACEAE

§ *Ophioglossum crotalophoroides* Walter, *W.C. Holmes 7613* [BAYLU]

Ophioglossum engelmannii Prantl, *W.C. Holmes 7614* [BAYLU]

POLYPODIACEAE

Pleopeltis polypodioides (L.) Andrews & Windham, cited in Pace (1923)

PTERIDACEAE

Adiantum capillus-veneris L., *L.D. Smith 237* [TEX]

Cheilanthes alabamensis (Buckley) Kuntze, cited in Pace (1923)

Cheilanthes lanosa (Michx.) D.C. Eaton, *Wherry s.n.* [US]. [See Holmes et al. (2011) for an account of this species in Texas.]

Pellaea atropurpurea (L.) Link, cited in Pace (1923)

THELYPTERIDACEAE

§ *Theylpteris ovata* R.P. St. John var. *lindheimeri* (C. Chr.) A.R. Sm., *J.N. Mink 1588* [BAYLU]

GYMNOSPERMS

CUPRESSACEAE
Juniperus ashei J. Buchholz, *W.C. Holmes 6231* [BAYLU, TEX]
Juniperus virginiana L., *L.D. Smith 182* [TEX]

PINACEAE
Pinus taeda L., *W.C. Holmes s.n.* [BAYLU]

DICOTS

ACANTHACEAE
Dicliptera brachiata (Pursh) Spreng., *W.C. Holmes 5463* [BAYLU, TEX]
Dyschoriste linearis (Torr. & A. Gray) Kuntze var. *linearis*, *L.D. Smith 1123* [TEX]
Justicia americana (L.) Vahl, *L.D. Smith 293* [BAYLU, TEX]
§ *Ruellia caroliniensis* (J.F. Gmel.) Steud., *F.A. Williams s.n.* [BAYLU]
τ *Ruellia drummondiana* (Nees) A. Gray, *L.D. Smith 1116* [TEX]
Ruellia humilis Nutt. var. *humilis L.D. Smith 644* [TEX]
Ruellia nudiflora (Engelm. & A. Gray) Urb. var. *nudiflora W.C. Holmes 5436* [BAYLU, TEX]
Ruellia strepens L., *W.C. Holmes 5273* [BAYLU]

ACERACEAE
Acer negundo L., *W.C. Holmes 5018* [BAYLU]

AMARANTHACEAE
Alternanthera caracasana Kunth, L.D. *Smith 881* [TEX]
*§ *Alternanthera philoxeroides* (Mart.) Griseb., *W.C. Holmes 14939* [BAYLU]
Amaranthus albus L., *L.D. Smith s.n.* [BAYLU]
Amaranthus arenicola I.M. Johnst., *L.D. Smith 1045* [TEX]
* *Amaranthus blitoides* S. Wats., *L.D. Smith 286* [TEX]
§ *Amaranthus hybridus* L., *W.C. Holmes & J.N. Mink 15588* [BAYLU]
Amaranthus palmeri S. Wats., *L.D. Smith 825* [TEX]
Amaranthus polygonoides L., mapped in Turner, et al. (2003)
§ *Amaranthus powellii* S. Wats., *E.L. Hamby s.n.* [BAYLU]
Amaranthus retroflexus L., *A.M. Gordon s.n.* [BAYLU]
Amaranthus rudis J.D. Sauer, *C.L. York 46252* [TEX]
Amaranthus scleropoides Uline & Bray, *C.L. York 46249* [TEX]
§ *Amaranthus spinosus* L., *A.M. Gordon s.n.* [BAYLU]
Froelichia floridana (Nutt.) Moq., *L.D. Smith 80* [BAYLU, TEX]
Froelichia gracilis (Hooks) Moq., *W.C. Holmes 12031* [BAYLU, TEX]
§ *Iresine diffusa* Humb. & Bonpl. ex Willd., *W.C. Holmes 5460* [BAYLU, TEX]
Iresine rhizomatosa Standl., mapped in Turner, et al. (2003)

ANACARDIACEAE
*§ *Pistacia chinensis* Bunge, *W.C. Holmes & J.N. Mink 14614* [BAYLU]
Rhus aromatica Aiton. var. *serotina* (Greene) Rehder, *W.C. Holmes 8247* [BAYLU]
§ *Rhus copallinum* L. var. *latifolia* Engl., *F.A. Williams s.n.* [BAYLU]
§ *Rhus glabra* L., *W.C. Holmes 6661* [BAYLU, TEX]
Rhus lanceolata (A. Gray) Britton, *W.C. Holmes 5177* [BAYLU]
Rhus trilobata Nutt., *J.N. Mink 1033* [BAYLU]
§ *Rhus virens* Lindh. ex. A. Gray, *W.C. Holmes 4941* [BAYLU]

Toxicodendron radicans L., *L.D. Smith 246* [TEX]

APIACEAE

*§ *Ammi majus* L., *J. Meadows s.n.* [BAYLU]
§ *Ammoselinum butleri* (Engelm. ex. S. Wats.) J.M. Coult. & Rose *J.N. Mink 1248* [BAYLU]
§ *Ammoselinum popei* Torr. & A. Gray, *E.L. Hamby s.n.* [BAYLU]
*§ *Anethum graveolens* L., *W.C. Holmes 13466* [BAYLU]
Bifora americana Benth. & Hook. f. ex. S. Wats., *W.C. Holmes 6457* [BAYLU, TEX]
§ *Bowlesia incana* Ruiz & Pav., *E.L. Hamby s.n.* [BAYLU]
* *Bupleurum rotundifolium* L., *W.C. Holmes 8249* [BAYLU]
Chaerophyllum tainturieri Hook., *L.D. Smith 1134* [TEX]
* *Coriandrum sativum* L., *W.C. Holmes 7022* [BAYLU]
* *Cyclospermum leptophyllum* (Pers.) Sprague ex Britton & P. Wilson, *L.D. Smith 487* [BAYLU, TEX]
§ *Cymopterus macrorhizus* Buckley, *R.C. Gardner 555* [BAYLU]
*§ *Daucus carota* L., *W.C. Holmes 13118* [BAYLU]
Daucus pusillus Michx., *L.D. Smith 628* [BAYLU, TEX]
Eryngium hookeri Walp., *W.C. Holmes 12389* [BAYLU]
Eryngium leavenworthii Torr. & A. Gray, *W.C. Holmes 6224* [BAYLU]
§ *Eurytaenia texana* Torr. & A. Gray, *S. Wilbur s.n.* [BAYLU]
Hydrocotyle umbellata L., *L.D. Smith 99* [TEX]
Hydrocotyle verticillata Thunb., *L.D. Smith 1000* [BAYLU, TEX]
Hydrocotyle verticillata Thunb. var. *triradiata* (A. Rich.) Fernald, *M.J. McCall 137* [BAYLU]
Limnosciadium pinnatum (DC.) Mathias & Constance, *L.D. Smith 633* [BAYLU, TEX]
Limnosciadium pumilum (DC.) Mathias & Constance, *W.C. Holmes 5657* [BAYLU, TEX]
§ *Polytaenia texana* (Coulter & Rose) Mathias & Constance, *W.C. Holmes 6456* [BAYLU]
Ptilimnium capillaceum (Michx.) Raf., *L.D. Smith 1142* [TEX]
Sanicula canadensis L., *L.D. Smith 659* [BAYLU, TEX]
Sium suave Walter, cited in Pace (1923)
§ *Spermolepis echinata* (Nutt.) Heller, *J. Taylor s.n.* [BAYLU]
§ *Spermolepis inermis* (Nutt. ex DC.) Mathias & Constance, *B. Weaver s.n.* (BAYLU) [BAYLU]
* *Torilis arvensis* (Huds.) Link, *C.L. York 46101* [TEX]
*§ *Torilis nodosa* (L.) Gaertn., *S. Walker 96* [BAYLU]

APOCYNACEAE

Amsonia ciliata Walter var. *texana* (A. Gray) J.M. Coult., *L.D. Smith 1072* [LL]
Asclepias asperula (Decne.) Woodson, *M.H. Mayfield 1242* [TEX]
Asclepias oenotheroides Cham. & Schltdl., *W.C. Holmes 6798* [BAYLU]
Asclepias tuberosa L., *L.D. Smith 609* [TEX]
Asclepias verticillata L., *L.D. Smith 603* [TEX]
Asclepias viridiflora Raf., *L.D. Smith 671* [TEX]
Asclepias viridis Walter, *W.C. Holmes 5439* [BAYLU]
Amsonia ciliata Walter var. *texana* (A. Gray) J.M. Coult., *L.D. Smith 1072* [LL]
*§ *Catharanthus roseus* (L.) G. Don, *F.A. Williams s.n.* [BAYLU]
§ *Cyanchum laeve* (Michx.) Pers., cited in Pace (1923)
§ *Cynanchum recemosum* (Jacq.) Jacq. var. *unifarium* (Scheele) Sundell, *W.C. Holmes 15888* [BAYLU]
§ *Funastrum cynanchoides* (Decne.) Schltr., *W.C. Holmes 13477* [BAYLU]
Matelea biflora (Raf.) Woodson, *M.H. Mayfield 1237* [TEX]
§ *Matelea cynanchoides* (Endgelm.) Woodson, *W.C. Holmes 5253* [BAYLU]

§ *Matelea gonocarpos* (Walkter) Shinners, *A.M. Gordon s.n.* [BAYLU]
Matelea reticulata (Engelm. ex. A. Gray) Woodson, *R.D. Williamson s.n.* [BAYLU]
*§ *Trachelospermum jasminoides* (Lindl.) Lem., *W.C. Holmes 12157* [BAYLU]
*§ *Vinca major* L., *B.E. Winn 22* [BAYLU]
*§ *Vinca minor* L., *M. Wheeler s.n.* [BAYLU]

AQUIFOLIACEAE
Ilex decidua Walter, *L.D. Smith 471* [BAYLU, TEX]
Ilex vomitoria Sol. in Aiton, *J.N. Mink 1018* [BAYLU]

ARALIACEA
*§ *Hedera helix* L., cited in Pace (1923) [Probably cultivated]

ARISTOLOCHIACEAE
Aristolochia tomentosa Sims., mapped in Turner, et al. (2003)

ASTERACEAE
Achillea millefolium L., *W.C. Holmes 6460* [BAYLU, TEX]
Ambrosia artemisiifolia L., *K. Clark s.n.* [BAYLU]
Ambrosia psilostachya DC., *L.D. Smith 308* [BAYLU, TEX]
Ambrosia trifida L. var. *texana* Scheele, *W.C. Holmes 6223* [BAYLU, TEX]
* *Anthemis cotula* L., *L.D. Smith 1156* [TEX]
Aphanostephus skirrhobasis (DC.) Trel., *L.D. Smith 590* [TEX]
Arnoglossum plantagineum Raf., *W.C. Holmes 7112* [BAYLU, TEX]
Artemisia ludoviciana Nutt. subsp. *ludoviciana L.D. Smith 276* [TEX]
Artemisia ludoviciana Nutt. subsp. *mexicana* (Willd. Ex Spreng.) D.D. Keck, *W.C. Holmes 13508* [BAYLU]
§ *Baccharis neglecta* Britton, *L.D. Smith 1023* [TEX]
Baccharis texana (Torr. & A. Gray) A. Gray, *L.D. Smith s.n.* [BAYLU]
§ *Boltonia diffusa* Elliot, L.D. Smith s.n. [BAYLU]
§ *Brickellia cylindracea* A. Gray & Engelm., *W.C. Holmes 7896* [BAYLU]
§ *Brickellia eupatorioides* L. var. *texana* (Shinners) Shinners, *W.C. Holmes 8720* [BAYLU]
*§ *Calyptocarpus vialis* Less., *R. Murgrave s.n.* [BAYLU]
*§ *Carthamus tinctorius* L., *W.C. Holmes 13530* [BAYLU]
Centaurea americana Nutt., *V.C. Hannick 228* [BAYLU]
*§ *Centaurea cyanus* L., *P. Riley s.n.* [BAYLU]
*§ *Centaurea melitensis* L., *V.C. Hannick 209* [BAYLU]
Chaetopappa asteroides Nutt. ex DC., *L.D. Smith 1058* [TEX]
τ *Chaetopappa bellidifolia* (Gray & Engelm.) Shinners, *L.D. Smith 503* [TEX]
Chloracantha spinosa (Benth.) G.L. Nesom, *L.D. Smith 303* [BAYLU, TEX]
§ *Chrysopsis pilosa* Nutt., *E. Haskell s.n.* [BAYLU]
*§ *Cichorium intybus* L., *W.C. Holmes 13803* [BAYLU]
Cirsium discolor (Muhl. ex Willd.) Spreng., *L.D. Smith 675* [TEX]
Cirsium horridulum Michx., *L. Stepp 148* [BAYLU]
Cirsium texanum Buckley, *G. Nesom & J. Nesom 7027* [TEX]
§ *Cirsium undulatum* (Nutt.) Spreng., *A. Browning s.n.* [BAYLU]
Cirsium virginianum (L.) Michx., *L. Harrel s.n.* [BAYLU]
Conoclinium coelestinum (L.) DC., *L.D. Smith 64* [BAYLU]
Conyza canadensis (L.) Cronquist, *L.D. Smith 274* [TEX]
Conyza ramosissima Cronquist, *L.D. Smith 829* [TEX]
Coreopsis tinctoria Nutt., L.D. Smith 706 [TEX]

Coreopsis wrightii (A. Gray) H.M. Parker, mapped in Turner, et al. (2003)
Croptilon hookerianum (Torr. & A. Gray) House var. *validum* (Rydb.) E.B. Sm., *L.D. Smith 1015* [TEX]
Diaperia verna (Raf.) Morefield var. *verna*, *L.D. Smith 438* [TEX]
Dracopis amplexicaulis (Vahl.) Cass., *L. Stepp 130* [BAYLU]
§ *Echinacea angustifolia* DC., *B. Wilson s.n.* [BAYLU]
Eclipta prostrata (L.) L., *W.C. Holmes 5170* [BAYLU]
Engelmannia peristenia (Raf.) Goodman & C.A. Lawson, *W.C. Holmes 6446* [BAYLU]
§ *Erigeron annuus* (L.) Pers., *S. Davis s.n.* [BAYLU]
Erigeron geiseri Shinners, *L.D. Smith 514* [TEX]
§ *Erigeron modestus* A. Gray, *W.C. Holmes 5047* [BAYLU]
Erigeron philadelphicus L., *L.D. Smith 458* [BAYLU, TEX]
Erigeron strigosus Muhl. ex Willd., *L.D. Smith* 1140 [TEX]
Erigeron tenuis Torr. & A. Gray, *L.D. Smith 411* [BAYLU, TEX]
Eupatorium serotinum Michx., *W.C. Holmes 5167* [BAYLU]
§ *Evax candida* (Torr. & A. Gray) A. Gray, *W.C. Holmes 12568* [BAYLU]
Evax prolifera Nutt. ex DC., *W.C. Holmes 5251* [BAYLU]
* *Facelis retusa* (Lam.) Sch.-Bip., *W.C. Holmes 13770* [BAYLU]
§ *Gaillardia aestivalis* (Walter) H. Rock, W.C. Holmes 12024 [BAYLU]
Gaillardia pulchella Foug., *C.L. York 46081* [TEX]
Gaillardia suavis (A. Gray & Engelm.) Britt. & Rusby, *W.C. Holmes 7661* [BAYLU]
§ *Gamochaeta pensylvanica* (Willd.) Cabrera, *L. Cole s.n.* [BAYLU]
Grindelia adenodonta (Steyerm.) G.L. Nesom, *L.D. Smith 62* [TEX]
Grindelia ciliata Spreng., *L.D. Smith 77* [TEX]
Grindelia lanceolata Nutt. var. *texana* (Scheele) Shinners, E. Whitehouse 6645 [LL]
§ *Gutierrezia dracunculoides* (DC.) S.F. Blake, *L.D. Smith 12* [TEX]
Gutierrezia microcephala (DC.) A. Gray, *W.C. Holmes 6264* [BAYLU]
§ *Gutierrezia texana* (DC.) Torr. & A. Gray, *A.M. Gordon s.n.* [BAYLU]
*§ *Hedypnois cretica* (L.) Dum. Cours., *W.C. Holmes 12831* [BAYLU, TEX]
Helenium amarum (Raf.) H. Rock var. *amarum*, *C.L. York & L.D. Smith 128* [BAYLU, TEX]
Helenium elegans DC., *C.L. York 46071* [TEX]
Helenium microcephalum DC., *L.D. Smith 45* [TEX]
Helianthus annuus L., *W.C. Holmes 5090* [BAYLU]
§ *Helianthus debilis* Nutt. subsp. *cumcumerifolius* (Torr. & A. Gray) Heiser, *L.D. Smith 280* [BAYLU]
Helianthus hirsutus Raf., *F. Gehlbach s.n.* [BAYLU, TEX]
Helianthus maximiliani Schrad., *W.C. Holmes 5461* [BAYLU, TEX]
Helianthus petiolaris Nutt., mapped in Turner, et al. (2003)
* *Heterotheca stenophylla* (A. Gray) Shinners, *W.C. Holmes 15886* [BAYLU]
Heterotheca subaxillaris (Lam.) Britton & Rusby, *L.D. Smith 76* [TEX]
Hymenopappus scabiosaeus L'Her. var. *corymbosus* (Torr. & A. Gray) B.L. Turner, *W.C. Holmes 5046* [BAYLU, TEX]
*§ *Hypochoeris brasilensis* (Less.) Griseb., *W.C. Holmes 13268* [BAYLU]
Iva annua L., *W.C. Holmes 5440* [BAYLU, TEX]
Iva xanthifolia (Fresen.) Nutt., cited in Pace (1923); misdetermination of Ambrosia trifida?
Krigia caespitosa (Raf.) K.L. Chambers, *L.D. Smith 552* [TEX]
Krigia caespitosa (Raf.) K.L. Chambers f. *gracilis* (DC.) K.J. Kim, *W.C. Holmes 11281* [BAYLU]
§ *Krigia occidentalis* Nutt., *E.L. Hamby s.n.* [BAYLU]
Krigia wrightii (A. Gray) K.L. Chambers, *L.D. Smith 400* [TEX]
§ *Lactuca canadensis* L., L.D. *Smith 173* [BAYLU]

Lactuca ludoviciana (Nutt.) Riddell, *L.D. Smith 696* [TEX]
* *Lactuca serriola* L., *L.D. Smith 1004* [TEX]
Liatris glandulosa Nesom & R. O'Kennon, *L.D. Smith 1007* [TEX]
§ *Liatris mucronata* DC., *W.C. Holmes 5173* [BAYLU]
Lindheimera texana Engelm. & A. Gray, *W.C. Holmes 5269* [BAYLU]
Lygodesmia texana (Torr. & A. Gray) Greene, *W.C. Holmes 5084* [BAYLU]
Marshallia caespitosa Nutt. ex DC. var. *caespitosa*, *W.C. Holmes 8250* [BAYLU]
Marshallia caespitosa Nutt. ex DC. var. *signata L.D. Smith 546* [TEX]
Melampodium leucanthum Torr. & A. Gray, *J.N. Mink 1117* [BAYLU]
Mikania scandens (L.) Willd., *W.C. Holmes 12027* [BAYLU]
§ *Packera glabella* (Poir.) C. Jeffrey, cited in Pace (1923)
§ *Packera plattensis* (Nutt.) Á. Löve & D. Löve, *A.M. Gordon s.n.* [BAYLU]
Packera tampicana (DC.) C. Jeffrey, *L.D. Smith 427* [TEX]
Palafoxia callosa (Nutt.) Torr. & A. Gray, *L.D. Smith 252* [TEX]
τ§ *Palafoxia rosea* (Bush) Cory, G. *Hardeman s.n.* [BAYLU]
*§ *Parthenium hysterophorus* L., *A. Kashani 238* [BAYLU]
§ *Pinaropappus roseus* (Less.) Less., *E.B. Steuben s.n.* [BAYLU]
Pluchea camphorata (L.) DC., *S.A. Conry 27* [BAYLU]
Pluchea odorata (L.) Cass., *L.D. Smith 114* [TEX]
§ *Pyrrhopappus carolinianus* (Walter) DC., *P.D. Whitson s.n.* [BAYLU]
§ *Pyrrhopappus grandiflorus* (Nutt.) Nutt., *L.D. Smith 1182* [BAYLU]
Pyrrhopappus pauciflorus (D. Don) DC., *W.C. Holmes 5048* [BAYLU]
Ratibida columnifera (Nutt.) Wooton & Standle., *W.C. Holmes 5178* [BAYLU]
Rudbeckia hirta L. var. *pulcherrima* Farw., L.D. Smith 868 [TEX]
Senecio ampullaceus Hook., *V.C. Hannick 203* [BAYLU]
* *Senecio vulgaris* L., *W.C. Holmes 11198* [BAYLU, TEX]
τ *Silphium albiflorum* A. Gray, *W.C. Holmes 6559* [BAYLU]
Silphium radula Nutt., *L.D. Smith 225* [BAYLU]
* *Silybum marianum W.C. Holmes 7659* [BAYLU]
Smallanthus uvedalius (L.) Mack. ex Small, *W.C. Holmes 5071* [BAYLU]
Solidago altissima L., *L.D. Smith 52-621* [TEX]
§ *Solidago canadensis* L., *W.C. Holmes 5438* [BAYLU]
§ *Solidago nemoralis* Aiton, *W.C. Holmes 7528* [BAYLU]
§ *Solidago odora* Aiton, *L. Pace s.n.* [BAYLU]
Solidago radula Nutt., *L.D. Smith 1031* [TEX]
§ *Solidago rigida* L., *W.C. Holmes 6215* [BAYLU]
§ *Solidago rugosa* Mill., *E. Haskell s.n.* [BAYLU]
* *Sonchus asper* (L.) Hill, *L.D. Smith 409* [BAYLU, TEX]
*§ *Sonchus oleraceus* L., *S. Wilbur s.n.* [BAYLU]
Symphyotrichum divaricatum (Nutt.) G.L. Nesom, *C.L. York & L.D. Smith 108* [TEX]
Symphyotrichum drummondii (Lindl.) G.L. Nesom var. *texanum* (Burgress) G.L. Nesom, *L.D. Smith 52-622* [TEX]
Symphyotrichum ericoides (L.) G.L. Nesom var. *ericoides, L.D. Smith 52-624* [TEX]
τ *Symphyotrichum eulae* (Shinners) G.L. Nesom, *E.L. Hamby s.n.* [BAYLU]
Symphyotrichum lanceolatum (Willd.) G.L. Nesom subsp. *lanceolatum, L.D. Smith 1014* [TEX]
§ *Symphyotrichum praealtum* (Poir.) G.L. Nesom var. *praealtum, W.C. Holmes 12029* [BAYLU, TEX]
* *Taraxacum laevigatum* (Willd.) DC., *L. Pace s.n.* [TEX]
* *Taraxacum officinale* F.H. Wigg., D.E. Wivagg 101 [BAYLU]
Tetraneuris linearifolia (Hook.) Greene, *L.D. Smith 1157* [TEX]
Tetraneuris scaposa (DC.) Greene, *L.D. Smith 543* [TEX]

Thelesperma filifolium (Hook.) A. Gray var. *filifolium, L.D. Smith 565* [TEX]
Thelesperma simplicifolium A. Gray, *L.D. Smith 1133* [TEX]
§ *Thymophylla tenuiloba* (DC.) Small *var. tenuiloba, S.K. Carter & K.V. Hooker 39* [BAYLU]
*§ *Tragopogon dubius* Scop., *V.C. Hannick 274* [BAYLU]
Verbesina encelioides (Cav.) Benth. & Hook.f. ex A. Gray subsp. *exauriculata* (Robins. & Greenm.) J.R. Coleman, *L.D. Smith 270* [TEX]
Verbesina virginica L., *W.C. Holmes 5465* [BAYLU, TEX]
Vernonia baldwinii Torr., *C.L. York 46144* [TEX]
Vernonia baldwinii Torr. subsp. *interior* (Small) Faust, *L.D. Smith 255* [BAYLU]
§ *Vernonia lindheimeri* A. Gray & Englem., *V.C. Hannick 220* [BAYLU]
§ *Vernonia missurica* Raf., *W.C. Holmes 5089* [BAYLU]
Vernonia texana (A. Gray) Small, *L.D. Smith 871* [TEX]
Viguiera dentata (Cav.) Spreng., *W.C. Holmes 5458* [BAYLU, TEX]
Xanthisma texanum DC. subsp. *drummondii* (Torr. & A. Gray) Semple, *L.D. Smith 55* [TEX]
Xanthium strumarium L. var. *canadense* (Mill.) Torr. & A. Gray, *L.D. Smith 1039* [TEX]

BERBERIDACEAE
Berberis trifoliata Moric., *E.L. Hamby s.n.* [BAYLU]
*§ *Nandina domestica* Thunb., *C. Nguyen 146* [BAYLU]

BIGNONIACEAE
Campsis radicans (L.) Seem. ex Bureau, *W.C. Holmes 6209* [BAYLU]
§ *Catalpa speciosa* (Warder) Warder ex Engelm., *F. Hurst s.n.* [BAYLU]
Chilopsis linearis (Cav.) Sweet, *L.D. Smith 715* [TEX]

BORAGINACEAE
*§ *Buglossoides arvensis* (L.) I.M. Johnst., *W.C. Holmes 5031* [BAYLU]
§ *Cryptantha texana* (A. DC.) Greene, *A.M. Gordon s.n.* [BAYLU]
*§ *Heliotropium amplexicaule* Vahl., *L.V. Kirkendall s.n.* [BAYLU]
Heliotropium convolvulaceum (Nutt.) A. Gray, *L.D. Smith 168* [TEX]
* *Heliotropium indicum* L., *W.C. Holmes 4936* [BAYLU]
§ *Heliotropium procumbens* Mill., *E. Haskell s.n.* [BAYLU]
Heliotropium tenellum (Nutt.) Torr., *W.C. Holmes 5306* [BAYLU]
Lithospermum incisum Lehm., *L.D. Smith 1136* [TEX]
Myosotis macrosperma Engelm., *L.D. Smith 1064* [TEX]
§ *Myosotis verna* Nutt., *L.D. Smith s.n.* [BAYLU]
τ *Onosmodium bejariense* DC. ex A. DC. var. *bejariense, L.D. Smith 1159* [TEX]

BRASSICACEAE
* *Brassica kaber* (DC.) Wheeler, *E.L. Hamby s.n.* [BAYLU]
*§ *Brassica nigra* (L.) Koch., *L.D. Smith s.n.* [BAYLU]
*§ *Brassica rapa* L. var. campestris (L.) Koch., *B. Smith s.n.* [BAYLU]
*§ *Camelina microcarpa* Andrz. ex DC., *G. Staples s.n.* [BAYLU]
* *Capsella bursa-pastoris* (L.) Medik., *L.D. Smith 358* [BAYLU, TEX]
* *Cardamine hirsuta* L., *R. Johnston s.n.* [BAYLU]
* *Chorispora tenella* (Pall.) DC., *D.N. Denham 64* [BAYLU]
Descurainia pinnata (Walter) Britton, *B. Glass s.n.* [BAYLU]
* *Descurainia sophia* (L.) Webb ex Prantl., cited in Pace (1923)
Draba brachycarpa Nutt. ex Torr. & A. Gray, *L.D. Smith 343* [BAYLU, TEX]
Draba cuneifolia Nutt. ex Torr. & A. Gray, *L.D. Smith 375a* [TEX]

Draba platycarpa Torr. & A. Gray, *W.C. Holmes 5246* [BAYLU, TEX]
Draba reptans (Lam.) Fernauld, *L.D. Smith 362* [BAYLU, TEX]
* *Draba verna* L., cited in Pace (1923)
* *Erysimum repandum* L., *L.D. Smith 367* [BAYLU, TEX]
§ *Lepidium austrinum* Small, *L. Threadgill s.n.* [BAYLU]
Lepidium densiflorum Schrad., *L.D. Smith 1085* [TEX]
§ *Lepidium oblongum* Small, *W.C. Holmes 12112* [BAYLU]
Lepidium virginicum L., *L.D. Smith 446* [TEX]
§ *Paysonia auriculata* (Engelm. & A. Gray) O'Kane & Al-Shehbaz, *L.D. Smith 1186* [BAYLU]
Physaria argyraea (A. Gray) O'Kane & Al-Shehbaz, *R. Murdock s.n.* [BAYLU]
Physaria densiflora (A. Gray) O'Kane & Al-Shehbaz, *L.D. Smith 375* [TEX]
τ§ *Physaria engelmannii* (A. Gray) O'Kane & Al-Shehbaz, *J. Graff 51 [BAYLU]*
Physaria gracilis (Hook.) O'Kane & Al-Shehbaz, *L.D. Smith 372* [BAYLU, TEX]
τ *Physaria recurvata* (Englem. ex A. Gray) O'Kane & Al-Shehbaz, *L.D. Smith 349* [BAYLU, TEX]
* *Rapistrum rugosum* (L.) All., *L.D. Smith 1070* [TEX]
* *Rorippa nasturtium-aquaticum* (L.) Hayek, *W.C. Holmes* 5260 [BAYLU]
Rorippa palustris (L.) Besser, *L.D. Smith 1028* [TEX]
Sibara virginica (L.) Rollins, *W.C. Holmes 6332* [BAYLU]
*§ *Sisymbrium altissimum* L., *G.B. Yaege s.n.* [BAYLU]
*§ *Sisymbrium irio* L., *W.C. Holmes 6333* [BAYLU]
* *Sisymbrium officinale* (L.) Scop., *L.D. Smith 1119* [TEX]

BUDDLEJACEAE
§ *Polypremum procumbens* L., *L.D. Smith 327* [BAYLU, TEX]

CACTACEAE
Coryphantha echinus (Engelm.) Britton & Rose, *W.C. Holmes 5261* [BAYLU]
* *Coryphantha missouriensis* (Sweet) Britton & Rose, *W.C.Holmes 15590* [BAYLU}
*§ *Cylindropuntia imbricata* (Haw.) F.M. Kunth, *V.C. Hannick s.n.* [BAYLU]
Echinocereus reichenbachii (Terscheck & Walp.) F. Haage, mapped in Turner et al. (2003)
Opuntia engelmannii Salm-Dyck, *A. Olson 70* [BAYLU]
*§ *Opuntia engelmannii* Salm-Dyck var. *lindheimeri* (Engelm.) B.D. Parfitt & Pinkaba, *E. Miller 27* [BAYLU]
§ *Opuntia humifusa* (Raf.) Raf., *L.D. Smith 216* [BAYLU]
Opuntia leptocaulis DC., L.D. Smith 873 [TEX]
Opuntia lindheimeri Engelm., *R.J. Bennett s.n.* [BAYLU]
Opuntia macrorhiza Engelm., L.D. Smith 1128 [TEX]
Opuntia phaeacantha Engelm., mapped in Turner et. al. (2003)

CALLITRICHACEAE
§ *Callitriche heterophylla* Pursh., *W.C. Holmes 6425* [BAYLU]
§ *Callitriche nuttallii* Torr., *W.C.Holmes 14616* [BAYLU]
§ *Callitriche terrestris* Raf., *W.C. Holmes 13111* [BAYLU]

CAMPANULACEAE
Triodanis leptocarpa (Nutt.) Nieuwl., L.D. Smith 505 [TEX]
Triodanis perfoliata (L.) Nieuwl. var. *biflora* (Ruiz & Pav.) T.R. Bradley, *L.D. Smith s.n.* [BAYLU]
Triodanis perfoliata (L.) Nieuwl. var. *perfoliata,* L.D. Smith 521 [BAYLU, TEX]

CAPPARACEAE

Polanisia dodecandra (L.) DC. subsp. *trachyspermum* (T. & G.) Itlis, *W.C. Holmes 6214* [BAYLU]

CAPRIFOLIACEAE

§ *Lonicera albiflora* Torr. & A. Gray, *V.C. Hannick 280* [BAYLU]
*§ *Lonicera fragrantissima* Lindl. & Paxton, *K.A. Crosthwaite 66* [BAYLU]
*§ *Lonicera japonica* Thunb., *J. Bookout 12* [BAYLU]
*§ *Lonicera maackii* (Rupr.) Herder, *B. Smith s.n.* [BAYLU]
*§ *Lonicera tatarica* L., *L.D. Smith s.n.* [BAYLU]
§ *Lonicera sempervirens* L., *W.C. Holmes 7628* [BAYLU]
Sambucus nigra L. var. *canadensis* (L.) Bolli, *L.D. Smith 595* [TEX]
Symphoricarpos orbiculatus Moench, L.D. Smith 900 [TEX]
Viburnum rufidulum Raf., *L.D. Smith 1049* [TEX]

CARYOPHYLLACEAE

Arenaria benthamii Fenzl ex Torr. & A. Gray, *L.D. Smith 361* [TEX]
*§ *Arenaria serpyllifolia* L., *W.C. Holmes 5248* [BAYLU]
Cerastium brachypodum (Engelm. ex A. Gray) B.L. Rob., *W.C. Holmes 5244* [BAYLU, TEX]
*§ *Cerastium glomeratum* Thuill., *V. Sullivan s.n.* [BAYLU]
§ *Loeflingia squarrosa* Nutt., *W.C. Holmes 12565* [BAYLU]
§ *Paronychia virginica* Spreng., *L. Pace s.n.* [BAYLU]
* *Polycarpon tetraphyllum* (L.) L., *V.C. Hannick 210* [BAYLU]
Sagina decumbens (Elliot) Torr. & A. Gray, *L. Cole s.n.* [BAYLU]
Silene antirrhina L., *W.C. Holmes 5579* [BAYLU, TEX]
*§ *Silene gallica* L., *W.C. Holmes 13769* [BAYLU]
*§ *Stellaria media* (L.) Vill., *P. Sarjeant s.n.* [BAYLU]
§ *Stellaria prostrata* Baldw., cited in Pace (1923)
*§ *Vaccaria hispanica* (Mill.) *Rauschert, W.C. Holmes 5265* [BAYLU]

CELASTRACEAE

§ *Euonymus atropurpurea* Jacq., *B.A. Rolf s.n.* [BAYLU]
*§ *Euonymus japonicus* Thunb., cited in Pace (1923)

CERATOPHYLLACEAE

Ceratophyllum demersum L., *D. Vodopich s.n.* [BAYLU]

CHENOPODIACEAE

*† *Chenopodium album* L., *L.D. Smith 309* [TEX]
* *Chenopodium ambrosioides* L., *L.D. Smith 961* [TEX]
§ *Chenopodium berlandieri* Moq. var. *boscianum* (Moq.) Wahl, *W.C. Holmes 5466* [BAYLU]
*§ *Chenopodium botrys* L., *E.L. Hamby s.n.* [BAYLU]
Chenopodium standleyanum Aellen, *L.D. Smith 993* [TEX]
§ *Cycloloma atriplicifolium* (Spreng.) J.M. Coult., *E.L. Hamby s.n.* [BAYLU]
Monolepis nuttalliana (Schult.) Greene, *L.D. Smith 1167* [TEX]

CISTACEAE

Helianthemum georgianum Chapm., *W.C. Holmes 13260* [BAYLU]
Helianthemum rosmarinifolium Pursh, *L.D. Smith 735* [TEX]
Lechea mucronata Raf., L.D. Smith 859 [TEX]
τ *Lechea san-sabeana* (Buckley) Hodgdon, *W.C. Holmes 12026* [BAYLU]

Lechea tenuifolia Michx., *W.C. Holmes 13261* [BAYLU]

CLUSIACEAE

Hypericum drummondii (Grev. & Hook.) Torr. & A. Gray, *W.C. Holmes, F. Gehlbach & N. Gehlbach 9831* [BAYLU]

Hypericum hypericoides (L.) Crantz, *L.D. Smith 943* [TEX]

CONVOLVULACEAE

*†§*Convolvulus arvensis* L., cited in Pace (1923)

Convolvulus equitans Benth., *L.D. Smith 774* [TEX]

§ *Dichondra carolinensis* Michx., *R.J. Barnett s.n.* [BAYLU]

Evolvulus nuttallianus Schult., *W.C. Holmes 8262* [BAYLU]

Evolvulus sericeus Sw., *W.C. Holmes 13264* [BAYLU]

*§ *Ipomoea batatas* (L.) Lam., *J. Bookout 74* [BAYLU]

Ipomoea cordatotriloba Dennst., var. *cordatotriloba L.D. Smith 305* [TEX]

Ipomoea lacunosa L., *C.L. York & L.D. Smith 151* [TEX]

*§ *Ipomoea quamoclit* L., *W.C. Holmes 5179* [BALYU]

*§ *Ipomoea wrightii* A. Gray, *L.D. Smith 159* [TEX]

§ *Merremia dissecta* (Jacq.) Hallier f., *J. McClinton s.n.* [BAYLU]

CORNACEAE

Cornus drummondii C.A. Mey., *L.D. Smith 442* [BAYLU, TEX]

CRASSULACEAE

§ *Crassula aquatica* (L.) Schonland, *W.C. Holmes 13115* [BAYLU]

Sedum nuttallianum Raf., *W.C. Holmes 8241* [BAYLU]

CUCURBITACEAE

* *Citrullus lanatus* (Thunb.) Matsum. & Nakai var. *lanatus*, *L.D. Smith 294* [BAYLU, TEX]

§ *Cucumis anguria* L., *L.D. Smith 68* [BAYLU, TEX]

§ *Cucumis melo* L. [var. *dudaim* (L.) Naud.], *W.C. Holmes & J.N. Mink 15307* [BAYLU]

Cucurbita foetidissima Kunth, *L.D. Smith 219* [BAYLU, TEX]

Cyclanthera dissecta (Torr. & A. Gray) Arn., *W.C. Holmes 5043* [BAYLU]

τ *Ibervillea lindheimeri* (A. Gray) Greene, *L.D. Smith 538* [TEX]

Melothria pendula L., *B.C. Tharp s.n.* [TEX]

Sicyos angulatus L., *C.L. York 46069* [TEX]

CUSCUTACEAE

Cuscuta cuspidata Engelm., *L.D. Smith 147* [BAYLU, TEX]

Cuscuta exaltata Engelm., *L.D. Smith 1034* [BAYLU, TEX]

§ *Cuscuta gronovii* Willd. ex Schult., *W.C. Holmes 5271* [BAYLU]

Cuscuta indecora Choisy var. *longisepala* Yunck., *L.D. Smith 164* [TEX]

§ *Cuscuta obtusiflora* Kunth, *W.C. Holmes 10108* [BAYLU]

Cuscuta pentagona Engelm., *L.D. Smith 1001* [TEX]

Cuscuta pentagona Engelm. var. *pubescens* (Engelm.) Yunck., *L.D. Smith 694* [TEX]

§ *Cuscuta polygonorum* Engelm., *L.D. Smith s.n.* [BAYLU]

EBENACEAE

Diospyros texana Scheele, *W.C. Holmes 5032* [BAYLU]

Diospyros virginiana L., *L.D. Smith s.n.* [BAYLU]

EUPHORBIACEAE

§ *Acalypha gracilens* A. Gray, *L.D. Smith 254* [BAYLU]
Acalypha ostryifolia Riddell, *L.D. Smith 71* [TEX]
Acalypha phleoides Cav., *W.C. Holmes 8243* [BAYLU]
§ *Chamaesyce cordifolia* (Elliot) Small, *W.C. Holmes 5442* [BAYLU]
Chamaesyce maculata (L.) Small, *L.D. Smith 170* [TEX]
Chamaesyce missurica (Raf.) Shinners, *C.L. York 46157* [BAYLU]
Chamaesyce nutans (Lag.) Small, *W.C. Holmes 8721* [BAYLU]
§ *Chamaesyce prostrata* (Aiton) Small, *C.L. York 46253* [TEX]
Chamaesyce serpens (Kunth) Small, *L.D. Smith 892* [TEX]
§ *Chamaesyce stictospora* (Engelm.) Small, *Johnson, Jenson, & Brown s.n.* [BAYLU]
Chamaesyce villifera (Scheele) Small, mapped in Turner, et al. (2003)
Cnidoscolus texanus (Mül.Arg.) Small, *L.D. Smith 583* [TEX]
Croton capitatus Michx. var. *lindheimeri* (Engelm. & A. Gray) Mül.Arg., *L.D. Smith* 40 [TEX]
Croton glandulosus L. var. *glandulosus L.D. Smith 7* [BAYLU, TEX]
Croton monanthogynus Michx., *L.D. Smith 283* [BAYLU, TEX]
Croton texensis (Klotzsch) Mül.Arg., *L.D. Smith 214* [TEX]
Ditaxis humilis (Engelm. & A. Gray) Pax, *L.D. Smith 1101* [TEX]
Ditaxis mercurialina (Nutt.) J.M. Coult., *L.D. Smith 1152* [TEX]
Euphorbia bicolor Engelm. & A. Gray, *C.L. York & L.D. Smith 105* [BAYLU, TEX]
§ *Euphorbia cyathophora Murray, L.D. Smith 979* [TEX]
§ *Euphorbia dentata* Michx., *L.D. Smith 81* [TEX]
Euphorbia longicruris Scheele, *M.H. Mayfield 1253* [TEX]
Euphorbia marginata Pursh, *L.D. Smith 70* [TEX]
Euphorbia spathulata Lam., *L.D. Smith 689* [TEX]
§ *Euphorbia tetrapora* Engelm., *L. Pace s.n.* [BAYLU]
Leptopus phyllanthoides (Nutt.) G.L. Webster, *W.C. Holmes 5155* [BAYLU, TEX]
Phyllanthus polygonoides Nutt. ex Spreng., *W.C. Holmes 5174* [BAYLU]
* *Phyllanthus urinaria* L., *H. Beatty s.n.* [LL]
*§ *Ricinus communis* L., cited in Pace (1923)
Stillingia sylvatica L., L.D. Smith 841 [TEX]
Stillingia texana I.M. Johnst., *M.H. Mayfield 1236* [TEX]
Tragia betonicifolia Nutt., *L.D. Smith 1110* [TEX]
Tragia brevispica Engelm. & A. Gray, *W.C. Holmes 5167* [BAYLU]
Tragia nepetifolia Cav., cited in Pace (1923)
Tragia ramosa Torr., *L.D. Smith 889* [TEX]
§ *Tragia urticifolia* Michx., *L.D. Smith s.n.* [BAYLU]
*†§*Triadica sebifera* (L.) Small, *B. Humphrey 76* [BAYLU]

FABACEAE

§ *Acacia angustissima* (Mill.) Kuntze var. *hirta* (Nutt.) B.L. Rob., *A.M. Gordon s.n.* [BAYLU]
Acacia farnesiana (L.) Willd., *W.C. Holmes 7615* [BAYLU, TEX]
* *Albizia julibrissin* Durazzo, *L.D. Smith 300* [BAYLU, TEX]
Amorpha fruticosa L., *W.C. Holmes 5023* [BAYLU]
Astragalus austrinus Small, Mapped in Turner et al. (2003)
§ *Astragalus crassicarpus* Nutt., *L. Black s.n.* [BAYLU]
Astragalus nuttalllianus DC., *E. Merritt s.n.* [BAYLU]
Astragalus pleianthum Shinners, Mapped in Turner et al. (2003)
τ *Astragalus reflexus* Torr. & A. Gray, *L.D. Smith 1087* [TEX]
Baptisia nuttalliana Small, *L.D. Smith 844* [TEX]

* *Caesalpinia gilliesii* (Hook.) Wall. ex D. Dietr., *W.C. Holmes 6455* [BAYLU, TEX]
Centrosema virginianum (L.) Benth., *L.D. Smith 838* [TEX]
Cercis canadensis L. var. *texensis* (S. Wats.) M. Hopkins, *L.D. Smith 949* [TEX]
§ *Chamaecrista fasciculata* (Michx.) Greene, *L.D. Smith 32* [BAYLU]
Clitoria mariana L., *L.D. Smith 606* [TEX]
Dalea aurea Nutt. ex Pursh, *W.C. Holmes 9539* [TEX]
Dalea compacta Spreng. var. *compacta C.L. York 46154* [TEX]
Dalea enneandra Nutt., *L.D. Smith 946* [TEX]
Dalea multiflora (Nutt.) Shinners, *L.D. Smith 930* [TEX]
τ§ *Dalea obovata* (Torr. & A. Gray) Shinners, *W.C. Holmes 13267* [BAYLU]
§ *Dalea purpurea* Vent. var. *purpurea*, cited in Pace (1923)
τ *Dalea tenuis* (J.M. Coult.) Shinners, mapped in Turner, et al. (2003)
Desmanthus acuminatus Benth., *W.C. Holmes 13266* [BAYLU]
Desmanthus illinoensis (Michx.) MacMill. ex B.L. Rob. & Fernald, *L.D. Smith 828* [TEX]
Desmanthus leptolobus Torr. & A. Gray, *L.D. Smith 588* [BAYLU, TEX]
Desmanthus velutinus Scheele, *L.D. Smith 1124* [TEX]
§ *Desmodium obtusum* (Muhl. ex Willd.) DC., *Hardeman s.n.* [BAYLU]
Desmodium paniculatum (L.) DC., *L.D. Smith 1029* [TEX]
§ *Desmodium psilophyllum* Schltdl., *L.D. Smith 297* [TEX]
Desmodium sessilifolium (Torr.) Torr. & A. Gray, *L.D. Smith 861* [TEX]
Eysenhardtia texana Scheele, mapped in Turner, et al. (2003)
Galactia striata (Jacq.) Urban, *L.D. Smith 876* [TEX]
τ *Galactia texana* (Scheele) A. Gray, *L.D. Smith 837* [TEX]
Galactia volubilis (L.) Britton, *W.C. Holmes 13463* [BAYLU]
Gleditsia triacanthos L., *L.D. Smith 978* [TEX]
§ *Glottidium vesicaria* (Jacq.) R.M. Harper, *W.C. Holmes 4937* [BAYLU]
§ *Indigofera miniata* Ortega, *W.C. Holmes 5252* [BAYLU]
*§ *Lathyrus hirsutus* L., *J.N. Mink 1114* [BAYLU]
Lathyrus pusillus Elliot, *L.D. Smith 434* [BAYLU, TEX]
Lespedeza texana Britton, *L.D. Smith 770* [TEX]
§ *Lespedeza violacea* (L.) Pers., *C. Humphreys s.n.* [BAYLU]
Lespedeza virginica (L.) Britton, *L.D. Smith 853* [TEX]
§ *Lotus unifoliolatus* (Hook.) Benth., *L.D. Smith 611* [BAYLU]
τ *Lupinus texensis* Hook., *W.C. Holmes 6447* [BAYLU]
*§ *Medicago arabica* (L.) Huds., *E.L. Hamby s.n.* [BAYLU]
* *Medicago lupulina* L., *L.D. Smith 407* [TEX]
* *Medicago minima* (L.) L., *L.D. Smith 453* [BAYLU, TEX]
*§ *Medicago polymorpha* L., *Yarbrough s.n.* [BAYLU]
* *Medicago sativa* L., *L.D. Smith 830* [TEX]
* *Melilotus albus* Medik., *L.D. Smith 744* [TEX]
* *Melilotus indicus* (L.) All., *W.C. Holmes 7897* [BAYLU]
* *Melilotus officinalis* (L.) Lam., *L.D. Smith 1158* [TEX]
Mimosa aculeaticarpa Ortega, mapped in Turner, et al. (2003)
Mimosa borealis A. Gray, *L.D. Smith 1071* [TEX]
Mimosa roemeriana Scheele, *L.D. Smith 957* [TEX]
Neptunia lutea (Leavenw.) Benth., *W.C. Holmes 13265* [BAYLU]
Parkinsonia aculeata L., *A. Kashani 232* [BAYLU]
Pediomelum cuspidatum (Pursh) Rydb., *W.C. Holmes 6459* [TEX]
τ§ *Pediomelum cyphocalyx* (A. Gray) Rydb., *P.J. Talley s.n.* [BAYLU]
§ *Pediomelum digitatum* (Nutt. ex Torr. & A. Gray) Isely, *L.D. Smith 153* [BAYLU]

τ *Pediomelum hypogaeum* (Nutt. ex Torr. & A. Gray) Rydb. var. *scaposum* (A. Gray) Mahler, *L.D. Smith 467* [BAYLU, TEX]
§ *Pediomelum latestipulatum* (Shinners) Mahler var. *latestipulum W.C. Holmes 13770* [BAYLU]
Pediomelum rhombifolium (Torr. & A. Gray) Rydb., *L.D. Smith 660* [BAYLU, TEX]
Prosopis glandulosa Torr., *L.D. Smith 784* [TEX]
Psoralidium tenuiflorum (Pursh) Rydb., *W.C. Holmes 5081* [BAYLU]
*† *Pueraria montana* (Lour.) Merr. var. *lobata* (Willd.) Maesen & S. Almeida, *W.C. Holmes 14189 & J.N. Mink* [BAYLU]
Rhynchosia latifolia Nutt. ex Torr. & A. Gray, *L.D. Smith 836* [TEX]
§ *Rhynchosia minima* (L.) DC., *L.D. Smith 1184* [BAYLU]
Rhynchosia senna Gillies ex Hook., *L.D. Smith 769* [TEX]
Rhynchosia senna var. *texana, W.C. Holmes 5254* [BAYLU]
§ *Robinia pseudoacacia* L., *J. Johnson 68* [BAYLU]
Senna roemeriana (Scheele) H.S. Irwin & Barneby, *W.C. Holmes 5042* [BAYLU]
Sesbania emerus (Aubl.) Urban, *L.D. Smith 176* [TEX]
§ *Sesbania herbacea* (Mill.) McVaugh, cited in Pace (1923)
§ *Sesbania vesicaria* (Jack.) Ell., *W.C. Holmes & J.N. Mink 15587* [BAYLU]
Sophora affinis Torr. & A. Gray, *W.C. Holmes 6263* [BAYLU]
Sophora secundiflora (Ortega) Lag. ex DC., mapped in Turner, et al. (2003)
Strophostyles helvola (L.) Elliot, *W.C. Holmes 6211* [BAYLU]
§ *Strophostyles leiosperma* (Torr. & A. Gray) Piper, *B.C. Tharp s.n.* [TEX]
§ *Tephrosia virginiana* (L.) Pers., *B. Guarr s.n.* [BAYLU]
* *Trifolium arvense* L., mapped in Turner, et al. (2003)
§ *Trifolium carolinianum* Michx., *D. Williamson 63* [BAYLU]
*§ *Trifolium dubium* Sibth., *P. Sarjeant s.n.* [BAYLU]
*§ *Trifolium incarnatum* L., *K. Coleman s.n.* [BAYLU]
* *Trifolium polymorphum* Poir., *L.D. Smith 429* [TEX]
*§ *Trifolium repens* L., *S. Meloche 71* [BAYLU]
*§ *Trifolium vesiculosum* Savi, *W.C. Holmes 13269* [BAYLU]
τ *Vicia ludoviciana* Nutt. var. *ludoviciana,* L.D. Smith 1145 [TEX]
§ *Vicia minutiflora* A. Dietr., *E. Haskell s.n.* [BAYLU]
*§ *Vicia sativa* L., *E. Saldana 49* [BAYLU]
* *Vicia villosa* Roth., *W.C. Holmes 6461* [BAYLU]
* *Vicia villosa* Roth. subsp. *varia* (Host) Corb., *C. Grose s.n.* [BAYLU]
*§ *Vigna unguiculata* (L.) Walp. subsp. *unguiculata*, cited in Pace (1923)
*§ *Wisteria sinensis* (Sims) DC., *K. Coleman s.n.* [BAYLU]
Zornia bracteata J.F. Gmel., *L.D. Smith s.n.* [BAYLU]

FAGACEAE
τ *Quercus buckleyi* Nixon & Dorr, *L.D. Smith 986* [TEX]
Quercus fusiformis Small, *L.D. Smith 52-614* [TEX]
Quercus macrocarpa Michx., *L.D. Smith 52-609* [TEX]
§ *Quercus marilandica* Münchh., *W.C. Holmes 11189* [BAYLU]
§ *Quercus muehlenbergii* Engelm., *F. Gehlbach s.n.* [BAYLU]
§ *Quercus nigra* L., *L.D. Smith 384a* [BAYLU]
Quercus shumardii Buckley, *A. Kashani 207* [BAYLU]
Quercus sinuata Walter, *L.D. Smith 226* [BAYLU]
Quercus sinuata Walter var. *breviloba* (Torr.) C.H. Müll., *W.C. Holmes 5433* [BAYLU, TEX]
§ *Quercus stellata* Wangenh., *W.C. Holmes 11188* [BAYLU]
§ *Quercus virginiana* Mill., *L.D. Smith s.n.* [BAYLU]

FUMARIACEAE

Corydalis curvisiliqua Engelm. var. *grandibracteata* (Fedde) G.B. Ownbey, *L.D. Smith 355* [TEX]
Corydalis micrantha (Engelm. ex A. Gray) A. Gray, *W.C. Holmes 5030* [BAYLU]
Corydalis micrantha (Engelm. ex A. Gray) A. Gray var. *australis* (Chapm.) G.B. Ownbey, *G.B. Ownbey & F. Ownbey 1654* [TEX]

GENTIANACEAE

§ *Centaurium beyrichii* (Torr. & A. Gray) B.L. Rob., *W.C. Holmes 9538* [BAYLU]
§* *Centaurium pulchella* (Sw.) Druse, *W.C. Holmes 15868* [BAYLU]
Centaurium tenuiflorum (Hoffmanns. & Link) Fritsch, W.C. Holmes 7259 [BAYLU]
Centaurium texense (Griseb.) Fernald, *W.C. Holmes 5278* [BAYLU, TEX]
Eustoma exaltatum (L.) Salisb. ex. Don, mapped in Turner, et al. (2003)
Eustoma grandiflorum (Raf.) Shinners, *J.R. Massey 1724* [TEX]
Sabatia campestris Nutt., *L.D. Smith 629* [TEX]

GERANIACEAE

*§ *Erodium cicutarium* (L.) L'Hér. ex Aiton, *R.C. Gardner 546* [BAYLU]
Erodium texanum A. Gray, *W.C. Holmes 6962* [BAYLU]
Geranium carolinianum L., E.L. Hamby s.n. [BAYLU]
Geranium texanum (Trel.) A. Heller, *C.L. York 46110* [TEX]

HALORAGACEAE

§ *Myriophyllum heterophyllum* Michx., *R. Fuentes s.n.* [BAYLU]

HIPPOCASTANACEAE

Aesculus arguta Buckley, *W.C. Holmes 5242* [BAYLU]

HYDRANGEACAE

§ *Philadelphus grandiflorus* Willd., *L.D. Smith s.n.* [BAYLU]

HYDROPHYLLACEAE

Nama hispidum A. Gray, *L.D. Smith 593* [BAYLU, TEX]
Nama jamaicense L., *L.D. Smith 793* [TEX]
Nemophila phacelioides Nutt., *W.C. Holmes 5020* [BAYLU]
Phacelia congesta Hook., *L.D. Smith 1121* [TEX]
§ *Phacelia glabra* Nutt., leg. ign. [BAYLU]
§ *Phacelia hirsuta* Nutt., *E.L. Hamby s.n.* [BAYLU]
§ *Phacelia patuliflora* (Engelm. & A. Gray) A. Gray, *L. Pace 51* [BAYLU]
Phacelia strictiflora (Englem. & A. Gray) A. Gray, *L.D. Smith 1063* [TEX]

JUGLANDACEAE

Carya illinoinensis (Wangenh.) K. Koch, *L.D. Smith 216* [TEX]
Juglans microcarpa Berl. var. *microcarpa*, cited in Pace (1923)
Juglans nigra L., *V.C. Hannick 286* [BAYLU]

KRAMERIACEAE

Krameria lanceolata Torr., *W.C. Holmes 5659* [BAYLU]

LAMIACEAE

* *Ajuga reptans* L., *L.D. Smith 1179* [TEX]

Hedeoma acinoides Scheele, *L.D. Smith 489* [TEX]
Hedeoma drummondii Benth., *W.C. Holmes 8263* [BAYLU]
§ *Hedeoma hispida* Pursh, *Henderson s.n.* [BAYLU]
Hedeoma reverchonii (A. Gray) A. *Gray, L.D. Smith 1169* [TEX]
* *Lamium amplexicaule* L., *L.D. Smith 356* [BAYLU, TEX]
Lycopus americanus Muhl. ex Barton, *L.D. Smith 783* [TEX]
§ *Lycopus virginicus* L., *L.D. Smith s.n.* [BAYLU]
* *Marrubium vulgare* L., *L.D. Smith 19* [BAYLU, TEX]
*§ *Mentha piperita* L., *W.C. Holmes 13506* [BAYLU]
*§ *Moluccella laevis* L., *Houser s.n.* [BAYLU]
§ *Monarda citriodora* Cerv. ex Lag., *W.C. Holmes 5274* [BAYLU]
Monarda clinopodioides A. Gray, *D. Williamson s.n.* [BAYLU]
Monarda fistulosa L. var. *mollis* (L.) Benth., *L.D. Smith 738* [TEX]
Monarda punctata L. var. *intermedia* (E.M McClint. & Epling) Waterf., *L.D. Smith 640* [TEX]
§ *Monarda punctata* L. subsp. *punctata* var. *lasiodonta* A. Gray, cited in Pace (1923)
* *Nepeta cataria* L., mapped in Turner, et al. (2003)
Physostegia intermedia (Nutt.) Engelm. & A. Gray, *L.D. Smith 664* [TEX]
Physostegia pulchella Lundell, *C.L. Lundell 18817* [LL]
Salvia azurea Michx. ex Lam. var. *grandiflora* Benth., *C.L. York 46143* [TEX]
Salvia coccinea Buchoz ex Etl., *L.D. Smith 670* [TEX]
τ *Salvia engelmannii* A. Gray, *L.D. Smith 523* [TEX]
Salvia farinacea Benth., *W.C. Holmes 5257* [BAYLU]
§ *Salvia reflexa* Hornem., *W.C. Holmes 11192* [BAYLU]
Salvia texana (Scheele) Torr., *C.L. York 46025* [TEX]
§ *Scutellaria cardiophylla* Engelm., & A. Gray, *M.J. Rice s.n.* [BAYLU]
Scutellaria drummondii Benth., *W.C. Holmes 5266* [BAYLU]
Scutellaria drummondii Benth. var. *edwardsiana* B.L. *Turner, L.D. Smith 455* [TEX]
Scutellaria ovata Hill, *L.D. Smith 657* [BAYLU]
§ *Scutellaria resinosa* Torr., *E.L. Hamby s.n.* [BAYLU]
§ *Scutellaria wrightii* A. Gray, *J. Johnson 76* [BAYLU]
§ *Stachys crenata* Raf., *L.D. Smith 435* [BAYLU, TEX]
Stachys drummondii Benth., *P.J. Talley s.n.* [BAYLU]
Teucrium canadense L., *L.D. Smith 733* [TEX]
Warnockia scutellarioides (Engelm. & A. Gray) M.W. Turner, *M.H. Mayfield 1258* [TEX]

LAURACEAE
§ *Lindera benzoin* (L.) Blume var. *benzoin*, cited in Pace (1923)

LINACEAE
Linum berlandieri Hook. var. *berlandieri W.C. Holmes 5658* [TEX]
*§ *Linum grandiflorum* Desf., *M.D. Adams 97* [BAYLU]
Linum imbricatum (Raf.) Shinners, *L.D. Smith 681* [TEX]
§ *Linum pratense* (J.B. Norton) Small, *W.C. Holmes 5245* [BAYLU]
*§ *Linum usitatissimum* L., *S. Meloche 53* [BAYLU]

LOASACEAE
Mentzelia oligosperma Nutt. ex Sims., *M.H. Mayfield 1235* [TEX]

LOGANIACEAE
*§ *Gelsemium sempervirens* (L.) Ait. f., *P. Sarjeant s.n.* [BAYLU]
Mitreola petiolata (J.F. Gmel.) Torr. & A. Gray, *L.D. Smith 66* [BAYLU, TEX]

Spigelia hedyotidea A. DC., *L.D. Smith 507* [TEX]

LYTHRACEAE
Ammannia coccinea Rottb., *W.C. Holmes 5469* [BAYLU]
*§ *Lagerstroemia indica* L., J. *Scholin s.n.* [BAYLU]
Lythrum alatum Pursh, *C.L. York 46092* [LL]
Lythrum alatum Pursh var. *lanceolatum* (Elliot) Rottb. & A. Gray ex Rothr., *L.D. Smith 72* [TEX]
Lythrum californicum Torr. & A. Gray, *L.D. Smith 72* [TEX]
§ *Rotala ramosior* (L.) Koehne, *L.D. Smith 792* [TEX]

MALVACEAE
Abutilon berlandieri Gray ex S. Wats., *M. Melıza s.n.* [BAYLU]
Abutilon fruticosum Guill. & Perr., *W.C. Holmes 5083* [BAYLU]
Abutilon incanum (Link.) Sweet, cited in Pace (1923)
*§ *Abutilon theophrasti* Medik., *P. Broome s.n.* [BAYLU]
Callirhoe digitata Nutt., cited in Pace (1923)
Callirhoe involucrata (Torr. & A. Gray) A. Gray, *L.D. Smith 1118* [TEX]
Callirhoe leiocarpa R.F. Martin, *C.C. Albers 47026* [TEX]
Callirhoe pedata (Nutt. ex Hook.) A. Gray, *M.H. Mayfield 1247* [TEX]
*§ *Malva neglecta* Wallr., *K. Herbold 52* [BAYLU]
§ *Malvastrum aurantiacum* (Scheele) Walp., *W.C. Holmes 5281* [BAYLU]
Malvaviscus arboreus Dill. ex Cav. var. *drummondii* (Torr. & A. Gray) Schery, *W.C. Holmes 5462* [BAYLU]
§ *Modiola caroliniana* (L.) G. Don, *L.D. Smith 1187* [BAYLU]
Rhynchosida physocalyx (A. Gray) Fryxell, *L.D. Smith 203* [TEX]
* *Sida abutifolia* Mill., *L.D. Smith 30* [BAYLU, TEX]
Sida rhombifolia L., *L.D. Smith 241* [TEX]
Sida spinosa L., *L.D. Smith 965* [TEX]

MELIACEAE
* *Melia azedarach* L., *L.D. Smith 199* [TEX]

MENISPERMACEAE
Cocculus carolinus (L.) DC., *L.D. Smith 935* [TEX]
Menispermum canadense L., mapped in Turner, et al. (2003)

MOLLUGINACEAE
Mollugo verticillata L., *L.D. Smith 967* [TEX]

MORACEAE
* *Broussonetia papyrifera* (L.) L'Hér. ex Vent., *W.C. Holmes 6262* [BAYLU]
*§ *Fatoua villosa* (Thunb.) Nakai, *W.C. Holmes 12600* [BAYLU]
§ *Maclura pomifera* (Raf.) C.K. Schneid., *W.C. Holmes 5171* [BAYLU]
* *Morus alba* L., *L.D. Smith* 379 [TEX]
Morus microphylla Buckley, *W.C. Holmes 6438* [BAYLU, TEX]
Morus rubra L., *W.C. Holmes 5022* [BAYLU]

MYRICACEAE
* *Myrica cerifera* L., *S. Posey 15* [SMU]

NELUMBONACEAE
Nelumbo lutea (Willd.) Pers., *L. Reich s.n.* [BAYLU]

NYCTAGINACEAE
§ *Allionia incarnata* L., *W.C. Holmes 4942* [BAYLU]
Boerhavia diffusa L., *L.D. Smith 193* [BAYLU]
Boerhavia erecta L., *W.C. Holmes 5459* [BAYLU, TEX]
Mirabilis albida (Walter) Heimerl, *W.C. Holmes 12028* [BAYLU]
τ *Mirabilis gigantea* (Standl.) Shinners, *W.C. Holmes 6208* [BAYLU]
*§ *Mirabilis jalapa* L., *B. Guarr s.n.* [BAYLU]
§ *Mirabilis linearis* (Pursh) Heimerl, *W.C. Holmes 10542* [BAYLU, TEX]

NYMPHAEACEAE
Nuphar advena (Aiton) W.T. Aiton in Aiton & W.T. Aiton, *C.L. York 46231* [TEX]
§ *Nymphaea mexicana* Zucc., *S.A. Conry 25* [BAYLU]
§ *Nymphaea odorata* Aiton, *S.A. Conry 26* [BAYLU]

OLEACEAE
Forestiera pubescens Nutt., *W.C. Holmes 4995* [BAYLU]
Fraxinus americana L., *A. Kashani 206* [BAYLU]
Fraxinus pennsylvanica Marshall, *W.C. Holmes 6229* [BAYLU]
§ *Fraxinus albican Buckley, L.D. Smith 1036* [TEX]
*§ *Ligustrum japonicum* Thunb., *J.N. Mink 1011* [BAYLU]
*§ *Ligustrum sinense* Lour., *W.C. Holmes 13773* [BAYLU]

ONAGRACEAE
§ *Calylophus berlandieri* Spach, *W.C. Holmes 5256* [BAYLU]
Calylophus berlandieri Spach subsp. *pinifolius* (Engelm. ex A. Gray) Towner, *C.L. York 46074* [TEX]
Gaura brachycarpa Small, *L.D. Smith 439* [TEX]
§ *Gaura coccinea* Nutt. Ex Pursh, *K. Lloyd 93* [BAYLU]
Gaura drummondii (Spach) Torr. & A. Gray, *L.D. Smith 1103* [TEX]
Gaura filipes Spach., cited in Pace (1923)
§ *Gaura lindheimeri* Engelm. & A. Gray, *R. Wilson s.n.* [BAYLU]
Gaura parviflora Douglas ex Lehm., *C.L. York 46115* [TEX]
Gaura sinuata Nutt. ex Ser., *M.H. Mayfield 1257* [TEX]
Gaura suffulta Engelm. ex A. Gray var. *suffulta C.L. York 46027* [TEX]
Ludwigia glandulosa Walter, *L.D. Smith 863* [TEX]
Ludwigia leptocarpa (Nutt.) H. Hara, *L.D. Smith 1043* [TEX]
§ *Ludwigia octovalvis* (Jacq.) P.H. Raven, *E. Haskell s.n.* [BAYLU]
§ *Ludwigia palustris* (L.) Elliott, *W.C. Holmes 5088* [BAYLU]
Ludwigia peploides (Kunth) P.H. Raven, *W.C. Holmes 10232* [BAYLU, TEX]
Ludwigia repens J.R. Forst., *L.D. Smith 917* [TEX]
§ *Oenothera grandis* (Britton) Smyth, *J. Toguchi 84* [BAYLU]
Oenothera laciniata Hill, *L.D. Smith 404* [TEX]
Oenothera macrocarpa Nutt. subsp. *macrocarpa, C.L. York 46149* [TEX]
Oenothera rhombipetala Nutt. ex Torr. & A. Gray, *W.C. Holmes 12391* [BAYLU]
Oenothera spachiana Torr. & A.Gray, *W.C. Holmes14618* [BAYLU]
Oenothera speciosa Nutt., *L.D. Smith418* [BAYLU, TEX]
Oenothera triloba Nutt., *L.D. Smith 441* [TEX]
§ *Stenosiphon linifolius* (Nutt. ex E. James) Heynh., *W.C. Holmes 6221* [BAYLU]

OROBANCHACEAE
Agalinis fasciculata (Elliot) Raf., mapped in Turner, et al. (2003)
Agalinis heterophylla (Nutt.) Small ex Britton, *W.C. Holmes 6222* [BAYLU, TEX]
*§ *Bellardia trixago* (L.) All., *W.C. Holmes 9924* [BAYLU, TEX]
Castilleja indivisa Engelm., *L.D. Smith 389* [BAYLU]
τ§ *Castilleja purpurea* (Nutt.) G. Don var. *lindheimeri* (A. Gray) Shinners, *L.D. Smith s.n.* [BAYLU]
Castilleja purpurea (Nutt.) G. Don var. *purpurea, M.H. Mayfield 1261* [TEX
§ *Orobanche ludoviciana* Nutt. subsp. *multiflora* (Nutt.) Collins ex. H.L. White & W.C. Holmes, *K. Wilkins s.n.* [BAYLU]
*§ *Orobanche ramosa* L., *E. Ramos 95* [BAYLU]

OXALIDACEAE
Oxalis dillenii Jacq., *S. Meloche 32* [BAYLU]
τ *Oxalis drummondii* A. Gray, *L.D. Smith 1055* [TEX]
§ *Oxalis violacea* L., *R. Johnston s.n.* [BAYLU]

PAPAVERACEAE
§ *Argemone albiflora* Hornem. subsp. *texana* G.B. Ownbey, *B.E. Winn 58* [BAYLU]
τ *Argemone aurantiaca* G.B. Ownbey, *L.D. Smith 1154* [TEX]
Argemone polyanthemos (Fedde) G.B. Ownbey, *L.D. Smith 42* [TEX]
*§ *Papaver rhoeas* L., *J. Lindholm 144* [BAYLU]
*§ *Papaver somniferum* L., *S. Tracy s.n.* [BAYLU]

PASSIFLORACEAE
*§ *Passiflora caerulea* L., *W.C. Holmes 12156* [BAYLU]
Passiflora incarnata L., *C.L. York & L.D. Smith 137* [BAYLU]
Passiflora lutea L., *L.D. Smith 981* [TEX]

PEDALIACEAE
Proboscidea louisianica (Mill.) Thell. subsp. *louisianica W.C. Holmes 13028* [BAYLU, TEX]

PHRYMACEAE
*§ *Mazus pumilus* (Burm. f.) Steenis, *Booker 39* [BAYLU]
§ *Erythranthe* (*Mimulus*) *inamoena* (Greene) Nesom, *R.C. Gardner 566* [BAYLU]

Erythranthe (*Mimulus*) *inamoenus* (Greene) Nesom,

PHYTOLACCACEAE
Phytolacca americana L., *W.C. Holmes 5464* [BAYLU, TEX]
Rivina humilis L., *W.C. Holmes 5175* [BAYLU, TEX]

PLANTAGINACEAE
§ *Bacopa monnieri* (L.) Pennell, *A.M. Gordon s.n.* [BAYLU]
Bacopa rotundifolia (Michx.) Wettst., *L.D. Smith 877* [BAYLU]
*§ *Linaria vulgaris* Mill., *Housey s.n.* [BAYLU]
§ *Maurandya antirrhiniflora* Humb. & Bonpl. ex Willd., *W.C. Holmes 12830* [BAYLU, TEX]
§ *Mecardonia procumbens* (Mill.) Small, *W.C. Holmes 5467* [BAYLU]
Nuttallanthus canadensis (L.) D.A. Sutton, *E.L. Hamby s.n.* [BAYLU]
§ *Nuttallanthus texanus* (Scheele) D.A. Sutton, *L.D. Smith 386* [TEX]
Penstemon cobaea Nutt., *W.C. Holmes 5026* [BAYLU, TEX]
§ *Penstemon digitalis* Nutt. ex Sims, *W.C. Holmes 13774* [BAYLU]

Penstemon laevigatus Aiton, cited in Pace (1923)
Penstemon laxiflorus Pennell, *L.D. Smith 1084* [TEX]
§ *Penstemon tubaeflorus* Nutt, L.D. Smith 482 [BAYLU]
Plantago aristata Michx., *L.D. Smith 579* [TEX]
Plantago elongata Pursh, *W.C. Holmes 13121* [BAYLU]
Plantago helleri Small, *L.D. Smith 463* [TEX]
Plantago heterophylla Nutt., *L.D. Smith 403* [TEX]
§ *Plantago hookeriana* Fisch & C.A. *Mey., L.D. Smith 1184* [BAYLU]
Plantago patagonica Jacq., *L.D. Smith 511* [TEX]
Plantago rhodosperma Decne., *L.D. Smith 1143* [TEX]
Plantago virginica L., C.L. York 46095 [TEX]
Plantago wrightiana Decne., L.D. Smith 536 [TEX]
*§ *Veronica arvensis* L., *A.M. Gordon s.n.* [BAYLU]
Veronica peregrina L., *L.D. Smith 373* [BAYLU, TEX]
*§ *Veronica persica* Poir., *A.M. Gordon s.n.* [BAYLU]
* *Veronica polita* Fr., *L.D. Smith 1069* [TEX]

PLATANACEAE
Platanus occidentalis L. var. *occidentalis L.D. Smith 574* [TEX]

POLEMONIACEAE
Ipomopsis ruba (L.) Wherry, *W.C. Holmes 6660* [BAYLU, TEX]
Phlox cuspidata Scheele, *L.D. Smith 1056* [TEX]
§ *Phlox drummondii* Hook. subsp. *mcallisteri* (Whitehouse) Wherry, *L.D. Smith 396* [TEX]
Phlox pilosa L., *L.D. Smith 460* [BAYLU]
τ *Phlox roemeriana* Scheele, *O. & R. Sanders s.n.* [LL]

POLYGALACEAE
Polygala alba Nutt., *L.D. Smith 545* [BAYLU, TEX]
*§ *Polygala lindheimeri* A. Gray, cited in Pace (1923)

POLYGONACEAE
Eriogonum annuum Nutt., *L.D. Smith 90* [TEX]
Eriogonum longifolium Nutt., *W.C. Holmes 6225* [TEX]
§ *Polygonum amphibium* L. var. *emersum* Michx., *C.L. York & L.D. Smith 148* [BAYLU]
*§ *Polygonum aviculare* L., *L.D. Smith 284* [BAYLU]
Polygonum buxiforme Small, *L.D. Smith 1013* [TEX]
Polygonum densiflorum Meisn., *L.D. Smith 292* [BAYLU]
Polygonum hydropiperoides Michx., *W.C. Holmes 6227* [BAYLU]
Polygonum lapathifolium L., *W.C. Holmes 6261* [BAYLU]
Polygonum pensylvanicum L., *V.C. Hannick 231* [BAYLU]
Polygonum ramosissimum Michx., *W.C. Holmes 6265* [BAYLU, TEX]
§ *Polygonum tenue* Michx., *L.D. Smith 596* [BAYLU]
Rumex altissimus Wood, *L.D. Smith 445* [BAYLU, TEX]
* *Rumex crispus* L., *C.L. York 46083* [TEX]
Rumex hastatulus Baldwin, *L.D. Smith 484* [TEX]
* *Rumex pulcher* L., *L.D. Smith 519* [TEX]

PORTULACACEAE
Claytonia virginica L., *L.D. Smith 417* [TEX]
* *Portulaca grandiflora* Hook., cited in Pace (1923)

*§ *Portulaca oleracea* L., W.C. Holmes 15887 [BAYLU]
§ *Portulaca pilosa* L., *E.L. Hamby s.n.* [BAYLU]
Portulaca umbraticola Kunth. subsp. *lanceolata* (Engelm.) J.F. Matthews & Ketron, *L.D. Smith 314* [TEX]

PRIMULACEAE
*§ *Anagallis arvensis* L., *W.C. Holmes 12861* [BAYLU]
§ *Anagallis minima* (L.) E.H.L. Krause, *W.C. Holmes 13112* [BAYLU]
§ *Samolus ebracteatus* Kunth subsp. *cuneatus* (Small) R. Kunth, *E. Haskell s.n.*[BAYLU]
§ *Samolus valerandi* L. subsp. *parviflorus* (Raf.) Hultén, *W.C. Holmes 12158* [BAYLU]

PUNICACEAE
* *Punica granatum* L., *W.C. Holmes & J.N. Mink 15593* [BAYLU]

RANUNCULACEAE
* *Adonis annua* L., *R.D. Gooch 72* [BAYLU]
Anemone berlandieri Pritz., *L.D. Smith 342* [TEX]
§ *Anemone caroliniana* Walter, *A.M. Gordon s.n.* [BAYLU]
§ *Aquilegia canadensis* L., cited in Pace (1923)
§ *Clematis drummondii* Torr. & A. Gray, *L. Pace s.n.* [BAYLU]
Clematis pitcheri Torr. & A. Gray, *V.C. Hannick 224* [BAYLU]
§ *Clematis reticulata* Walter, mapped in Turner, et al. (2003)
* *Clematis terniflora* DC., *W.C. Holmes 13507* [BAYLU]
Clematis viorna L., cited in Pace (1923)
*§ *Consolida ajacis* (L.) Schur, *V.C. Hannick 279* [BAYLU]
Delphinium carolinianum Walter subsp. *carolinianum, Hulme s.n.* [BAYLU]
Delphinium carolinianum Walter subsp. *virescens* (Nutt.) R.E. Brooks, *C.L. York 46077* [TEX]
Myosurus minimus L., *W.C. Holmes 6331* [BAYLU, TEX]
Ranunculus fascicularis Muhl. ex Bigelow, *L.D. Smith 1178* [TEX]
§ *Ranunculus hispidus* Michx. var. *nitidus* (Chapm.) T. Duncan, *T.L. Riley 43* [BAYLU]
Ranunculus macranthus Scheele, *L.D. Smith 415* [TEX]
§ *Ranunculus pusillus* Poir., *B.T. Wells s.n.* [BAYLU]

RHAMNACEAE
Berchemia scandens (Hill) K. Kock, *L.D. Smith 950* [TEX]
Ceanothus americanus L., *M.H. Mayfield 1263* [TEX]
Ceanothus herbaceus Raf., *W.C. Holmes 5034* [BAYLU, TEX]
§ *Rhamnus caroliniana* Walter, *C.L. York & L.D. Smith 127* [BAYLU]
* *Zizyphus obtusifolia* (Hook. ex.Torr. & A. Gray) A. Gray, *W.C. Holmes 5263* [BAYLU, TEX]
* *Zizyphus jujuba* Mill., *L.D. Smith 1164* [BAYLU, TEX]

ROSACEAE
Crataegus crus-galli L., *W.C. Holmes 13119* [BAYLU]
Crataegus mollis Scheele, *W.C. Holmes 12309* [BAYLU]
§ *Crataegus spathulata* Michx., *W.C. Holmes 13470* [BAYLU]
Crataegus viridis L., *W.C. Holmes 7616* [TEX]
* *Duchesnea indica* (Andr.) Focke, *K.A. Crosthwaite 143* [BAYLU]
Geum canadense Jacq., *L.D. Smith 497* [TEX]
Prunus angustifolia Marshall, *L.D. Smith 369* [TEX]
Prunus caroliniana (Mill.) Aiton, *L.P. & M.S. Young s.n.* [TEX]

Prunus mexicana S. Wats., *L.D. Smith 212* [BAYLU, TEX]
*§ *Prunus persica* (L.) Batsch, *J.A. Reed s.n.* [BAYLU]
*§ *Pyrus communis* L., *B. Humphrey 77* [BAYLU]
*§ *Rosa bracteata* J.C. *Wendl., L.D. Smith s.n.* [BAYLU]
* *Rosa multiflora* Thumb. ex Murr., *W.C. Holmes 5028* [BAYLU, TEX]
§ *Rubus aboriginum* Rydb., *W. Hauk s.n.* [BAYLU]
§ *Rubus apogaeus* L.H. Bailey, *S. Meloche 30* [BAYLU]
Rubus trivialis Michx., *L.D. Smith 368* [BAYLU]
§ *Sanguisorba annua* (Nutt. ex Hook.) Torr. & A. Gray, *L. Pace s.n.* [BAYLU]
Sanguisorba canadensis L., cited in Pace (1923)

RUBIACEAE
Cephalanthus occidentalis L., *C.L. York 46160* [TEX]
Diodia teres Walter, *L.D. Smith 874* [TEX]
Galium aparine L., *C.L. York 46098* [TEX]
Galium circaezans Michx., *L.D. Smith 496* [BAYLU, TEX]
Galium pilosum Aiton, *L.D. Smith 669* [TEX]
§ *Galium texense* A. Gray, *M.M. Pursley s.n.* [BAYLU]
Galium virgatum Nutt., *J.R. Massey 1970* [TEX]
Hedyotis nigricans (Lam.) Fosberg, *W.C. Holmes 5082* [BAYLU]
§ *Houstonia micrantha* (Shinners) Terrell, *V.C. Hannick 202* [BAYLU]
Houstonia pusilla Schoepf, *L.D. Smith 1062* [TEX]
§ *Houstonia rosea* (Raf.) Terrell, *L.D. Smith 345* [TEX]
Richardia tricocca (Torr. & A. Gray) Standl., *L.D. Smith 1163* [TEX]
*§ *Sherardia arvensis* L., *H.L. White 82* [BAYLU]

RUTACEAE
*§ *Citrus × aurantium* L. subsp. *aurantium*, cited in Pace (1923) [Probably ornamental]
*§ *Poncirus trifoliata* (L.) Raf., *Trammell s.n.* [BAYLU]
Ptelea trifoliata L., *W.C. Holmes 5019* [BAYLU]
Ptelea trifoliata L. subsp. *trifoliata* var. *mollis* Torr. & A. Gray, *L.D. Smith 651* [TEX]
Zanthoxylum americanum Mill., cited in Pace (1923)
Zanthoxylum clava-herculis L., *C.L. York 46148* [TEX]

SALICACEAE
*§ *Populus alba* L., *L. Pace s.n.* [BAYLU]
Populus deltoides Bartram ex Marshall, *B. Humphrey 22* [BAYLU]
Salix nigra Marshall, *C.L. York 46162* [TEX]

SAPINDACEAE
*† *Cardiospermum halicacabum* L., *W.C. Holmes 4935* [BAYLU]
*§ *Koelreuteria paniculata* Lam., *H. Beatty s.n.* [BAYLU]
Sapindus saponaria L. var. *drummondii* (Hook. & Arn.) L.D. Benson, *W.C. Holmes 8336* [BAYLU]
Ungnadia speciosa Endl., *W.C. Holmes 6458* [BAYLU]

SAPOTACEAE
Sideroxylon lanuginosum Michx., *C.L. York 46246* [TEX]

SAURURACEAE
*§ *Saururus cernuus* L., *W.C. Holmes 14622* [BAYLU]

SAXIFRAGACEAE
Lepuropetalon spathulatum Elliot, *B. Benner & R. Kormanik 63* [BAYLU]

SCROPHULARIACEAE
Leucospora multifida (Michx.) Nutt., *C.L. York 46237* [TEX]
* *Verbascum thapsus* L., *L.D. Smith 221* [BAYLU, TEX]

SIMAROUBACEAE
*§ *Ailanthus altissima* (Mill.) Swingle, *W.C. Holmes 5262* [BAYLU]

SOLANACEAE
§ *Calibrachoa parviflora* (Juss.) D'Arcy, *J.N. Mink 1383* [BAYLU]
* *Capsicum annuum* L., mapped in Turner, et al. (2003)
*§ *Datura stramonium* L, cited in Pace (1923)
§ *Datura wrightii* Regel, *L.B. Smith s.n.* [BAYLU]
*§ *Petunia axillaris* (Lam.) Britton, Sterns, & Poggenb., *A.M. Gordon s.n.* [BAYLU]
Physalis angulata L., *W.C. Holmes 12388* [BAYLU]
Physalis cinerascens (Dunal) Hitchc., *W.C. Holmes 8726* [BAYLU]
Physalis heterophylla Nees, *L.D. Smith 620* [TEX]
Physalis longifolia Nutt., *L.D. Smith 621* [TEX]
§ *Physalis mollis* Nutt., *E.L. Hamby s.n.* [BAYLU]
Physalis pubescens L., *L.D. Smith 59* [TEX]
§ *Physalis pumila* Nutt., *M. Jackson s.n.* [BAYLU]
§ *Solanum carolinense* L., *L.D. Smith s.n.* [BAYLU]
Solanum dimidiatum Raf., *C.L. York 46113* [TEX]
Solanum elaeagnifolium Cav., *L.D. Smith 253* [TEX]
Solanum ptychanthum Dunal, *L.D. Smith 18* [TEX]
Solanum rostratum Dunal, *R. Runyon 2219* [TEX]
Solanum triquetrum Cav., *L.D. Smith 1176* [TEX]

STERCULIACEAE
*§ *Firmiana simplex* W. Wright, *W.C. Holmes 12549* [BAYLU]

TAMARICACEAE
*†§*Tamarix gallica* L., *L.D. Smith s.n.* [BAYLU]
*† *Tamarix ramosissima* Ledeb., *L.D. Smith 798* [LL]

ULMACEAE
Celtis laevigata Willd., *W.C. Holmes 5435* [BAYLU, TEX]
Celtis laevigata Willd. var. *reticulata* Torr., *V.C. Hannick 219* [BAYLU]
Celtis tenuifolia Nutt., cited in Pace (1923)
§ *Ulmus alata* Michx., *J.N. Mink 1023* [BAYLU]
Ulmus americana L., *W.C. Holmes 5085* [BAYLU]
Ulmus crassifolia Nutt., *W.C. Holmes 5434* [BAYLU, TEX]
§ *Ulmus rubra* Muhl., *W.C. Holmes & J.N. Mink 15302* [BAYLU]

URTICACEAE
Parietaria pensylvanica Muhl. ex Willd., *L.D. Smith 425* [TEX]
Urtica chamaedryoides Pursh, *L.D. Smith 336* [TEX]

VALERIANACEAE

Valerianella amarella (Lindh. ex Engelm.) Krok, *W.C. Holmes 5250* [BAYLU]
Valerianella radiata (L.) Dufr., *L.D. Smith 348* [TEX]
Valerianella woodsiana (Torr. & A. Gray) Walp., *L.D. Smith 408* [TEX]

VERBENACEAE

Aloysia gratissima (Gillies & Hook.) Tronc., *E.L. Hamby s.n.* [BAYLU]
Callicarpa americana L., *L.D. Smith 89* [BAYLU, TEX]
Glandularia bipinnatifida (Nutt.) Nutt., *C.L. York 46100* [TEX]
Glandularia pumila (Rydb.) Umber, *L. Pace s.n.* [BAYLU]
Lantana urticoides Hayek, *E.L. Hamby s.n.* [BAYLU]
§ *Lippia lanceolata* Michx., *L.D. Smith s.n.* [BAYLU]
§ *Lippia nodiflora* (L.) Michx., *V.C. Hannick 242* [BAYLU]
§ *Verbena canescens* Kunth, *S. Meloche 47* [BAYLU]
Verbena halei Small, *C.L. York 46087* [TEX]
* *Verbena officinalis* L., cited in Pace (1923)
§ *Verbena urticifolia* L., *A.M. Gordon s.n.* [BAYLU]
Verbena xutha Lehm., L.D. Smith 649 [TEX]
*§ *Vitex agnus-castus* L., *Williams s.n.* [BAYLU]

VIOLACEAE

Hybanthus verticillatus (Ortega) Baill., *W.C. Holmes 7660* [BAYLU]
Viola bicolor Pursh, *L.D. Smith 360* [TEX]
Viola sororia Willd., *L.D. Smith 335* [TEX]

VISCACEAE

Phoradendron tomentosum (DC.) Engelm. ex A. Gray, *L.D. Smith 184* [TEX]

VITACEAE

Ampelopsis arborea (L.) Koehne, *L.D. Smith 612* [TEX]
Ampelopsis cordata Michx., *L.D. Smith 948* [TEX]
Cissus incisa Des Moul., *L.D. Smith 652* [TEX]
τ§ *Parthenocissus heptaphylla* (Buckley) Britton ex Small, *L.D. Smith 1003* [TEX]
Parthenocissus quinquefolia (L.) Planch., *C.L. York 46154* [BAYLU, TEX]
§ *Vitis aestivalis* Michx., *Stewart s.n.* [BAYLU]
§ *Vitis cinerea* (Engelm.) Englem. ex Millard, *B.T. Wells s.n.* [BAYLU]
Vitis cinerea (Engelm.) Millardet var. *helleri* (L.H. Bailey) M.O. Moore, *C.L. York 46136* [TEX]
Vitis mustangensis Buckley, *C.L. York 46233* [TEX]
§ *Vitis riparia* Michx., *Simmons s.n.* [BAYLU]
§ *Vitis vulpina* L., *L.D. Smith 146* [BAYLU]

ZYGOPHYLLACEAE

§ *Kallstroemia maxima* (L.) Hook. & Arn., cited in Pace (1923)
Kallstroemia parviflora Norton, *L.D. Smith 200* [TEX]
* *Tribulus terrestris* L., *W. C. Holmes 15881.* [BAYLU]

MONOCOTS

AGAVACEAE

Yucca aloifolia L., *E. Merritt s.n.* [BAYLU] [Probably ornamental, cultivated]
§ *Yucca arkansana* Trel., *W.C. Holmes 13250* [BAYLU]

§ *Yucca louisianensis* Trel., *J. Bookout 46* [BAYLU]
τ *Yucca pallida* McKelvey, *V.C. Hannick 218* [BAYLU]
τ *Yucca rupicola* Scheele, *E. Whitehouse s.n.* [TEX]

ALISMATACEAE
Echinodorus berteroi (Spreng.) Fassett, *W.C. Holmes 5468* [BAYLU]
§ *Echinodorus cordifolius* L., *L.D. Smith s.n.* [BAYLU]
§ *Sagittaria longiloba* Engelm. ex J.G. Sm., *E.L. Hamby s.n.* [BAYLU]
Sagittaria platyphylla (Engelm.) J.G. Sm., *L.D. Smith 111* [TEX]

ALLIACEAE
Allium canadense L. var. *canadense L.D. Smith 506* [TEX]
Allium drummondii Regel, *L.D. Smith 457* [TEX]
*§ *Ipheion uniflorum* (Lindl.) Raf., *M.J. McCall 75* [BAYLU]
Nothoscordum bivalve (L.) Britton, *L.D. Smith 354* [BAYLU, TEX]

AMARYLLIDACEAE
§ *Cooperia drummondii* Herb., *W.C. Holmes 5091* [BAYLU]
Cooperia pedunculata Herb., *L. Pace s.n.* [BAYLU]
*§ *Crinum bulbispermum* (Burm.) Milne-Redhead & Schweickerdy, *L. Thomas 83* [BAYLU]
Habranthus tubispathus (L'Hér.) Traub, *W.C. Holmes 5282* [BAYLU]
*§ *Leucojum aestivum* L., *T. Corley 62* [BAYLU]
*§ *Narcissus jonquilla* L., *D. Trammell s.n.* [BAYLU]
*§ *Zephyranthes candida* (Lindl.) Herbert, *W.C. Holmes 13249* [BAYLU]

ARACEAE
Arisaema dracontium (L.) Schott, *L.D. Smith 980* [TEX]

ARECACEAE
§ *Sabal minor* (Jacq.) Pers., K. Morris 039 [BAYLU]

ASPARAGACEAE
* *Asparagus officinalis* L., *L.D. Smith 318* [BAYLU, TEX]

BROMELIACEAE
§ *Tillandsia recurvata* (L.) L., *W.C. Holmes 11195, D.E. Wivagg, R.S. Baldridge* [BAYLU]

COMMELINACEAE
§ *Commelina diffusa* Burm. f., *J.D. Hooker 82* [BAYLU]
Commelina erecta L., *L.D. Smith 982* [TEX]
Commelina virginica L., *B. Guarr s.n.* [BAYLU]
τ *Tinantia anomala* (Torr.) C.B. Clarke, *Davidson 84* [BAYLU]
τ§ *Tradescantia edwardsiana* Tharp, *R.C. Gardner 583* [BAYLU]
§ *Tradescantia gigantea* Rose, *E. Saldana 27* [BAYLU]
§ *Tradescantia hirsutiflora* Bush, *Cooley s.n.* [BAYLU]
Tradescantia occidentalis (Britton) Smyth, *L. Pace s.n.* [TEX]
Tradescantia ohiensis Raf., *C.L. York 46019* [TEX]
§* *Tradescantia pallida* (Rose) D.R. Hunt, *W.C. Holmes 15877* [BAYLU]
§ *Tradescantia reverchonii* Bush, *Robin s.n.* [BAYLU]

CYPERACEAE
§ *Carex blanda* Dewey, *M. Gray 26* [BAYLU]
§ *Carex brevior* (Dewey) Mack. ex Lundell, *W.C. Holmes 13263* [BAYLU]
Carex bulbostylis Mack., *L.D. Smith 393* [BAYLU, TEX]
Carex crus-corvi Shuttlew. ex Kunze, *L.D. Smith 923* [TEX]
§ *Carex emoryi* Dewey, *W.C. Holmes 5656* [BAYLU]
Carex grisea Wahlenb., *L.D. Smith 1091* [TEX]
Carex leavenworthii Dewey, *L.D. Smith 1092* [TEX]
§ *Carex longii* Mack., *V.C. Hannick 206* [BAYLU]
Carex microdonta Torr. & Hook., *W.C. Holmes 13120* [BAYLU]
Carex muehlenbergii Schkuhr ex Willd. var. *enervis* Boott, *W.C. Holmes 5650* [BAYLU, TEX]
Carex perdentata S.D. Jones, *L.D. Smith 479* [TEX]
Carex planostachys Kunze, C. Higgins 50 [BAYLU]
Carex retroflexa Muhl. ex Willd., *L.D. Smith 394* [TEX]
Carex tetrastachya Scheele, *L.D. Smith 486b* [TEX]
Cyperus acuminatus Torr. & Hook., *L.D. Smith 751* [TEX]
Cyperus articulatus L., *J. Reverchon 3577* [TEX]
§ *Cyperus croceus* Vahl, *W.C. Holmes 12025* [BAYLU]
§ *Cyperus echinatus* (L.) A.W. Wood, *W.C. Holmes 13349* [BAYLU]
Cyperus erythrorhuzos Muhl., *D. Vodopich s.n.* [BAYLU]
*§ *Cyperus esculentus* L., *L. Pace s.n.* [BAYLU]
Cyperus odoratus L., *L.D. Smith 329* [TEX]
Cyperus pseudovegetus Sted., *W.C. Holmes 13257* [BAYLU]
Cyperus retroflexus Buckley, *L.D. Smith 786* [TEX]
*§ *Cyperus rotundus* L., *F. Hurst s.n.* [BAYLU]
Cyperus setigerus Torr. & Hook., *C.L. York 46103* [TEX]
Cyperus squarrosus L., *L.D. Smith 278* [TEX]
Cyperus strigosus L., *D. Vodopich s.n.* [BAYLU]
§ *Eleocharis acicularis* (L.) Roem. & Schult, *V.C. Hannick 234* [BAYLU]
§ *Eleocharis acutisquamata* Buckley, *L.D. Smith 473* [BAYLU]
§ *Eleocharis engelmannii* Steud., *L.D. Smith 975* [BAYLU, TEX]
Eleocharis geniculata (L.) Roem. & Schult., *L.D. Smith 959* [BAYLU, TEX]
§ *Eleocharis lanceolata* Fernald, *J.N. Mink 1224* [BAYLU]
Eleocharis montevidensis Kunth., *L.D. Smith s.n.* [BAYLU]
Eleocharis occulata S.G. Sm., *L.D. Smith 473* [TEX]
Eleocharis palustris (L.) Roem. & Schult., *W.C. Holmes 5033* [BAYLU]
§* *Eleocharis guadrangulata* (Michx.) Roem. & Schult., *W.C. Holmes 15863* [BAYLU]
Fuirena simplex Vahl var. *aristulata* (Torr.) Kral, *L.D. Smith 94* [BAYLU, TEX]
Fuirena simplex Vahl var. *simplex L.D. Smith 702* [BAYLU]
§ *Isolepis carinata* Hook. & Arn. ex Torr., *W.C. Holmes 14617* [BAYLU]
* *Rhynchospora macrostachya* Torr., *W.C. Holmes & J.N. Mink 15585* [BAYLU]
§ *Schoenoplectus acutus* (Muhl. ex Bigelow) À. Löve & D. Löve, *L. Pace s.n.* [BAYLU]
Schoenoplectus californicus (C.A. Mey.) Soják, *C.L. York & L.D. Smith 116* [TEX]
§ *Scleria oligantha* Michx., *W.C. Holmes 13251* [BAYLU]

HEMEROCALLIDACEAE
*§ *Hemerocallis fulva* L., *J.R. Branch s.n.* [BAYLU]

HYACINTHACEAE
Camassia scilloides (Raf.) Cory, *C.L. York 46020* [TEX]
* *Muscari racemosum* Guss. ex Ten., *E.L. Hamby s.n.* [BAYLU]

*§ *Ornithogalum umbellatum* L., *E.L. Hamby s.n.* [BAYLU]

HYDROCHARITACEAE
*†§*Hydrilla verticillata* (L. f.) Royle, *S.A. Conry 5* [BAYLU]

IRIDACEAE
§ *Alophia drummondii* (Graham) R.C. Foster, *A. Pitman 34* [BAYLU]
*§ *Iris germanica* L., *L. Junek 30* [BAYLU]
Nemastylis geminiflora Nutt., *L.D. Smith 1088* [TEX]
§ *Sisyrinchium angustifolium* Mill., *B. Williams s.n.* [BAYLU]
§ *Sisyrinchium chilense* Hook., *J. Johnson 45* [BAYLU]
Sisyrinchium langloisii Greene, *C.L. York 46022* [TEX]
Sisyrinchium minus Engelm. & A. Gray, *L.D. Smith 1099* [TEX]
§ *Sisyrinchium pruinosum* E.P. Bicknell, *L.D. Smith 430* [BAYLU]

JUNCACEAE
§ *Juncus interior* Wiegand, *W.C. Holmes 13255* [BAYLU]
Juncus marginatus Rostk., *L.D. Smith 661* [TEX]
§ *Juncus tenuis* Willd., *L.D. Smith s.n.* [BAYLU]
τ *Juncus texanus* (Engelm.) Coville, *C.L. York 46088* [TEX]
Juncus torreyi Coville, *W.C. Holmes 13256* [BAYLU]

LEMNACEAE
§ *Lemna minor* L., *S.A. Conry 3* [BAYLU]
§ *Lemna minuta* Kunth, *W.C. Holmes 13116* [BAYLU]
Spirodela polyrrhiza (L.) Schleid., *J.R. Massey 351* [LL]
Wolffia brasiliensis Wedd., *J.R. Massey 359* [LL]
§ *Wolffia columbiana* H. Karst., *W.C. Holmes 13117* [BAYLU]

LILIACEAE
Erythronium albidum Nutt., *W.C. Holmes 4994* [BAYLU]

MELANTHIACEAE
Zigadenus nuttallii (A. Gray) S. Wats., *L.D. Smith 475* [TEX]

NAJADACEAE
Najas guadalupensis (Spreng.) Magnus, *J.R. Massey 725* [TEX]

ORCHIDACEAE
Corallorrhiza wisteriana Conrad, *F.R. Gehlbach s.n.* [LL]
§ *Spiranthes lacera* (Raf.) Raf.. *W.C. Holmes 11186 & F. Gehlbach* [BAYLU]
§ *Spiranthes magnicamporum* Sheviak, *W.C. Holmes 11187 & F. Gehlbach* [BAYLU]

POACEAE
Aegilops cylindrica Host, [cited in Shaw et al. 2011]
Alopecurus carolinianus Walter, *L.D. Smith 516* [BAYLU, TEX]
§ *Andropogon gerardii* Vitman, *W.C. Holmes 7899* [BAYLU]
Andropogon glomeratus (Walter) Britton, Sterns & Poggenb., [cited in Shaw et al. 2011]
Aristida oligantha Michx., *W.C. Holmes 5437* [BAYLU, TEX]
§ *Aristida purpurascens* Poir., *L.D. Smith 934* [BAYLU]
Aristida purpurea Nutt., *L.D. Smith 52* [TEX]

Aristida purpurea Nutt. var. *nealleyi* (Vasey) Allred, *L.D. Smith 745* [TEX]
Aristida purpurea Nutt. var. *wrightii* (Nash) Allred, *L.D. Smith 549* [BAYLU]
*†§*Arundo donax* L., *M.J. McCall 14 [*BAYLU]
*§ *Avena fatua* L., *G.R. McCown 16* [BAYLU]
*§ *Avena sativa* L., *Y. Ghent s.n.* [BAYLU]
§ *Bothriochloa barbinodis* (Lag.) Herter, *L.D. Smith 306* [TEX]
* *Bothriochloa ischaemum* (L.) Keng, *L.H. Shinners 30555* [TEX]
Bothriochloa laguroides (DC.) Herter., *L.D. Smith 582* [TEX]
Bothriochloa saccharoides (Sw.) Rydb., *A.M. Gordon s.n.* [BAYLU]
Bouteloua curtipendula (Michx.) Torr. var. curtipendula *L.D. Smith 155* [TEX]
Bouteloua hirsuta Lag., *L.D. Smith 945* [TEX]
Bouteloua rigidiseta (Steud.) Hitchc., *W.C. Holmes 5035* [BAYLU]
Brachiaria fasciculata (Sw.) Parodi, *L.D. Smith 288* [TEX]
Brachiaria texana (Buckl.) S.T. Blake, *LD. Smith 331* [TEX]
*§ *Briza minor* L., W.C. Holmes 13254 [BAYLU]
* *Bromus catharticus* Vahl., *L.D. Smith 713* [TEX]
Bromus hordeaceus L., [cited in Shaw et al. 2011]
* *Bromus japonicus* Thunb., *W.C. Holmes 11280* [BAYLU]
* *Bromus secalinus* L., *L.D. Smith 710* [TEX]
Bromus pubescens Muhl. Ex Willd., [cited in Shaw et al. 2011]
Bromus tectorum L., [cited in Shaw et al. 2011]
Buchloe dactyloides (Nutt.) Engelm., *W.C. Holmes 6226* [BAYLU, TEX]
Cenchrus longispinus (Hack.) Fernald, *L.D. Smith 966* [TEX]
§ *Cenchrus spinifex* Cav., *L.D. Smith 304* [BAYLU, TEX]
Chasmanthium latifolium (Michx.) H.O. Yates, *L.D. Smith 181* [BAYLU, TEX]
Chloris subdolichostachya Müll.Hal., *L.D. Smith 755* [BAYLU]
Chloris verticillata Nutt., *P. Siems 26* [TEX]
Chloris virgata Sw., [cited in Shaw et al. 2011]
Coelorachis cylindrica (Michx.) Nash, *L.D. Smith 951* [BAYLU, TEX]
*§ *Cynodon dactylon* (L.) Pers., *A.M. Gordon s.n.* [BAYLU]
Digitaria ciliaris (Retz.) Koeler, *C.L. York & L.D. Smith 138* [TEX]
§ *Digitaria sanguinalis* (L.) Scop., *L.D. Smith 820* [BAYLU]
Digitaria californica (Benth.) Henrard, [cited in Shaw et al. 2011]
Digitaria cognata (J.A. Schultes) Pilger., [cited in Shaw et al. 2011]
Digitaria pubiflora (Vasey) J. Wipff., [cited in Shaw et al. 2011]
* *Echinochloa colona* (L.) Link, *L.D. Smith 794* [TEX]
* *Echinochloa crus-galli* (L.) P. Beauv., *L.D. Smith 279* [TEX]
§ *Echinochloa walteri* (Pursh) A. Heller, *M.P. Mauldin s.n.* [BAYLU]
* *Eleusine indica* (L.) Gaertn., *L.D. Smith 289* [TEX]
Elymus canadensis L., *L.D. Smith 743* [TEX]
Elymus virginicus L., *L.D. Smith 685* [BAYLU, TEX]
* *Eragrostis barrelieri* Daveau, *L.D. Smith 768* [TEX]
* *Eragrostis ciliaensis* (All.) Vignalo ex Janch., *L.D. Smith 328* [TEX]
Eragrostis curtipedicellata Buckley, *L.D. Smith 711* [BAYLU, TEX]
Eragrostis curvula (Schrad.) Nees, [cited in Shaw et al. 2011]
Eragrostis pectinacea (Michx.) Nees ex Steud., *L.D. Smith 310* [BAYLU]
Eragrostis pectinacea (Michx.) Nees ex Steud. var. *miserrima* (E. Fourn.) Reeder, *C.L. York & L.D. Smith 122* [BAYLU]
Eragrostis pilosa (L.) P. Beauv., [cited in Shaw et al. 2011]
Eragrostis secundiflora J. Presl. ssp. *oxylepis* (Torr.) S.D. Koch, *L.D. Smith 746* [TEX]
Eragrostis sessilispica Buckley, *L.D. Smith 942* [BAYLU, TEX]

Eriochloa contracta Hitchc., *L.D. Smith 795* [BAYLU, TEX]
Erioneuron pilosum (Buckley) Nash, *L.D. Smith 539* [TEX]
* *Eustachys retusa* (Lag.) Kunth, *L.D. Smith 83* [TEX]
Hordeum pusillum Nutt., *L.D. Smith 1111* [BAYLU, TEX]
Leptochloa panicea (Retz.) Ohwi ssp. *mucronata* (Michx.) Nowack, *L.D. Smith 236* [TEX]
Limnodea arkansana (Nutt.) L.H. Dewey, *L.D. Smith 1114* [BAYLU, TEX]
Lolium multiflorum Lamarck, [cited in Shaw et al. 2011]
* *Lolium perenne L., L.D. Smith 812* [TEX]
* *Lolium temulentum* L., *L.D. Smith 1115* [BAYLU, TEX]
§ *Muhlenbergia reverchonii* Vasey & Scribn., *W.C. Holmes 4939* [BAYLU]
Muhlenbergia bushii R.W. Pohl, [cited in Shaw et al. 2011]
Nassella leucotricha (Trin. & Rupr.) R.W. Pohl, *L.D. Smith 531* [BAYLU]
Panicum acuminatum Sw., *L.D. Smith 234* [TEX]
Panicum acuminatum Desv. ex Poir. var. *lindheimeri* (Nash) Lelong, *W.C. Holmes* 5264 [BAYLU]
Panicum antidotale Retz., [cited in Shaw et al. 2011]
Panicum capillare L., *L.D. Smith 383* [BAYLU, TEX]
Panicum coloratum L., [cited in Shaw et al. 2011]
Panicum dichotomiflorum Michx., *L.D. Smith 827* [BAYLU, TEX]
Panicum fasciculatum Sw., *L.D. Smith 288* [BAYLU]
Panicum geminatum Forssk., *L.D. Smith 924* [BAYLU]
Panicum hallii Vasey, [cited in Shaw et al. 2011]
§ *Panicum malacophyllum* Nash, *L.D. Smith 6* [BAYLU]
Panicum obtusum Kunth, *L.D. Smith 746* [TEX]
§ *Panicum oligosanthes* Schult., *W.C. Holmes 13253* [BAYLU]
Panicum pedicellatum Vasey, [cited in Shaw et al. 2011]
Panicum rigidulum Bosc ex Nees, *L.D. Smith 918* [TEX]
§ *Panicum sphaerocarpon* Elliot, *W.C. Holmes 13252* [BAYLU]
Panicum virgatum L., *W.C. Holmes 6230* [BAYLU]
Paspalidium geminatum (Forssk.) Stapf, *V.C. Hannick 232* [BAYLU]
* *Paspalum dilatatum* Poir., L.D. *Smith 302* [TEX]
Paspalum distichum L., *L.D. Smith 960* [TEX]
Paspalum floridanum Michx., [cited in Shaw et al. 2011]
Paspalum plicatulum Michx., [cited in Shaw et al. 2011]
Paspalum pubiflorum Rupr. ex E. Fourn., *L.D. Smith 977* [TEX]
Paspalum setaceum Michx., *L.D. Smith 858* [TEX]
* *Paspalum urvillei* Steud., *L.D. Smith 920* [BAYLU, TEX]
Pennisetum ciliare (L.) Link, [cited in Shaw et al. 2011]
*§ *Phalaris canariensis* L., *L.D. Smith* 492 [BAYLU]
Phalaris caroliniana Walter, *J.R. Massey 1985* [TEX]
§ *Phragmites australis* (Cav.) Trin. ex Steud., *Z.E. Walker 31* [BAYLU]
* *Phyllostachys aurea* Carriére ex Riviére & C. Riviére, *W.C. Holmes 7593* [BAYLU,TEX]
Piptochaetium avenaceum (L.) Parodi, *P. Sarjeant s.n.* [BAYLU]
* *Poa annua* L., *L.D. Smith 383* [TEX]
Poa arachnifera Torr., *W.C. Holmes 5651* [BAYLU, TEX]
* *Polypogon monspeliensis* (L.) Desf., *L.D. Smith* 823 [BAYLU, TEX]
§ *Saccharum baldwinii* Spreng., *Y. Ghent s.n.* [BAYLU]
§ *Saccharum giganteum* (Walter) Pers., *W.C. Holmes 12535, J. Singhurst & K. Fleming* [BAYLU]
Schizachyrium scoparium (Michx.) Nash var. *scoparium, L.D. Smith 207* [BAYLU, TEX]
* *Secale cereale* L., *C. Craft s.n.* [BAYLU]

*§ *Setaria italica* (L.) P. Beauv., *L.D. Smith 880* [BAYLU]
*§ *Setaria macrostachya* Kunth, *L.D. Smith s.n.* [BAYLU]
Setaria parviflora (Poir.) Kerguelén, *L.D. Smith 817* [TEX]
*§ *Setaria pumila* (Poir.) Roem. & Schult., *W.C. Holmes 6560* [BAYLU]
Setaria reverchonii (Vasey) Pilg., *L.D. Smith 498* [BAYLU]
Setaria scheelei (Steud.) Hitchc., *L.D. Smith* 204 [TEX]
* *Setaria viridis* (L.) P. Beauv., *L.D. Smith 775* [BAYLU, TEX]
§ *Sorghastrum nutans* (L.) Nash, *W.C. Holmes & J.N. Mink 15303* [BAYLU]
* *Sorghum halepense* (L.) Pers., *L.D. Smith 789* [TEX]
Sporobolus compositus (Poir.) Merr., *F.W. Gould 10273* [TEX]
*Sporobolus pyramidatus (*Lam.*)* Hitchc., *W.C. Holmes 15594* [BAYLU]
Tridens albescens (Vasey) Wooton & Standl., *L.D. Smith 808* [TEX]
Tridens congestus (L.H. Dewey) Nash, [cited in Shaw et al. 2011]
§ *Tridens flavus* (L.) Hitchc., *W.C. Holmes 111* [BAYLU]
§ *Tridens muticus* (Torr.) Nash, *L.D. Smith 1011* [BAYLU]
Tridens strictus (Nutt.) Nash, [cited in Shaw et al. 2011]
Tripsacum dactyloides (L.) L., *L.D. Smith 684* [BAYLU, TEX]
Trisetum interruptum Buckley, *L. Michel s.n.* [BAYLU].
* *Triticum aestivum* L., *B.E. Winn 80* [BAYLU]
Urochloa ciliatissima (Buckley) R.D. Webster, [cited in Shaw et al. 2011]
Urochloa fusca (Sw.) B.F. Hansen & Wunderlin, *L.D. Smith 288* [BAYLU]
Vulpia octoflora (Walter) Rydb., *L.D. Smith 433* [BAYLU, TEX]
Zizaniopsis miliacea (Michx.) Döll & Asch., *L.D. Smith 781* [BAYLU, TEX]

PONTEDERIACEAE
*† *Eichhornia crassipes* (Mar.) Solms, *C.L. York & L.D. Smith 136* [BAYLU, TEX]
§ *Heteranthera dubia* (Jacq.) MacMill., *E. Haskell s.n.* [BAYLU]
Heteranthera limosa (Sw.) Willd., *L.D. Smith 630* [BAYLU, TEX]
§ *Pontederia cordata* L., *S.A. Conry 16* [BAYLU]

POTAMOGETONACEAE
Potamogeton diversifolius Raf., *L.D. Smith 639* [TEX]
Potamogeton nodosus Poir., *L.D. Smith 192* [TEX]

SMILACACEAE
Smilax bona-nox L., *W.C. Holmes 5247* [BAYLU, TEX]
§ *Smilax rotundifolia* L., *E.L. Hamby s.n.* [BAYLU]
*§ *Smilax smallii* Morong, *W.C. Holmes 15928* [BAYLU]
Smilax tamnoides L., *W.C. Holmes 6437* [BAYLU]

THEMIDACEAE
§ *Androstephium coeruleum* (Sheele) Greene, *E.L. Hamby s.n.* [BAYLU]

TYPHACEAE
Typha domingensis Pers., *C.L. York 46236* [TEX]
§ *Typha latifolia* L., *W.C. Holmes 6210* [BAYLU]

ZANNICHELLIACEAE
Zannichellia palustris L., *J.R. Massey 613* [LL]

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